



## **SAFETY DATA SHEET**

*EFFECTIVE DATE:* 4/25/2014

**ITEM:** Cold Weather Emergency Kit  
Deluxe "5" Flare Roadside Kit

<b>PART #</b>	<b>UPC</b>
8902	039147089029
8902S	same
8902-5	039147089050
8902-5S	same

### **CONTENTS:**

Alcohol Prep / Swab SDS  
Antiseptic Towelette SDS  
Battery SDS  
First Aid Burn Cream SDS  
Fusee SDS  
Hothands 2 SDS  
Instant Cold Pack SDS  
Lightstick SDS  
Moist Towelette SDS  
Purified Water SDS  
Safety Matches SDS  
Sting and Bite Pad SDS  
Tea Candle SDS

### **SHIPPING INFORMATION**

UN1944 Match, Safety



# BOX MATCHES

17/03 2005 13:22 FAX 800 777 7943

ALLTRISTA

001/002



A DIVISION OF JARDEN CORPORATION

Preparation Date: 3/4/2006  
Supersedes: 4/9/2001

Prepared by: CS&CM

## Material Safety Data Sheet

### Section I

### Material Identification

Product Name: Wooden Stick Strike on Box Matches (SOB) (AKA: Safety Matches)  
USA - DOT Information: MATCHES, SAFETY, UN 1944  
Manufactures Name: Alltrista Consumer Products Company, 1800 Cloquet Ave., Cloquet, MN 55720  
Telephone Number: (218) 879-6700  
Chemtrec Emergency No: (800) 424-9300

### Section II

### Hazardous Ingredients

Match	% By Weight	PEL
Potassium Chlorate	<1.0%	NE
Sulfur	<1.0%	NE
Striker Strip		
Amorphous Red Phosphorous	<1.0%	NE

NE = None Established  
TWA = Time Weighted Average  
CEL = Ceiling Limit

PEL = Permissible Exposure Limits  
PPM = Parts per Million  
STEL = Short Term Exposure Limit

### Section III

### Physical Data

Boiling Point: NA	Specific Gravity: 1.3 g/cc (Matches)
Freezing Point: NA	Percent Volatile by Volume: NA
Vapor Pressure (mm Hg): NA	Evaporation Rate: NA
Vapor Density (Air=1): NA	Solubility in Water: 7.1 g/cc (Matches)

### Section IV

### Fire and Explosion Hazard Data

Flash Point: NA Auto Ignition Temperature: > 300°F  
Extinguishing Media: Water  
Unusual Fire and Explosion: Combustible, may ignite from excessive heat, crushing, or dropping. Smoke from fire may be irritating to lungs and eyes. Contains oxidizers, which may increase the burning rate of combustible materials with flare-burning effect.  
Combustion byproducts: Match: Carbon monoxide, carbon dioxide, oxides of sulfur  
Striker: Phosphine, oxides of phosphorous, phosphoric acid (in presence of water)

### Section V

### Health Hazard Data

General: <b>HMIS Rating:</b>	<b>NFPA Rating:</b>
Health = 1	Health = 1
Flammability = 3	Flammability = 3
Reactivity = 2	Reactivity = 2
	OX (oxidizer)

Normal use of this product produces fumes (smoke) which may irritate eyes and/or lungs.

#### Signs and Symptoms of Over Exposure:

Eyes - tearing, stinging, redness

Inhalation - coughing, soreness in respiratory tract, chest tightness, difficulty breathing

#### Conditions Generally Recognized as Being Aggravated by Exposure:

Fumes from ignition could aggravate respiratory ailments.

#### Synergistic Effects:

None known

#### Usual Method(s) of Contact:

Inhalation of fumes from ignited material, thermal burns from ignited material

#### Primary Route(s) of Entry into the Body:

Inhalation of fumes from ignited material.

**Section VI First Aid**

**Burns:** Treat all thermal burns with appropriate first aid measures for degree of burn.  
**Respiratory Distress:** Remove to fresh air and seek medical attention for smoke inhalation.  
**Eyes:** Flush with fresh water for 15 minutes and seek medical attention.

**Section VII Reactivity Data**

**Stability:** Stable  X  Unstable \_\_\_\_\_

**Conditions to Avoid:**  
 Do not store with readily oxidizable substances, phosphorous, acids, bases, finely divided metals or organic materials.

**Incompatibility:**  
 Avoid mixing with oxidizing agents, phosphorous, acids, bases, finely divided metals, or organic materials.

**Hazardous Decomposition or Byproducts:**  
 Match: Oxides of carbon, oxides of sulfur  
 Striker: Oxides of phosphorous

**Hazardous Polymerization:**  
 None known.

**Section VIII Spill or Leak Procedures**

**Steps to be taken if material is released or spilled:**  
 If packaging is open and contents are spilled, be prepared to wet down with water if crushing or cropping are possible during cleanup. If packaging is intact, packaging is designed to smother unintended ignition.

**Waste Disposal Methods:**  
 Incinerate or bury in landfill according to applicable Federal, State, and Local regulations.

**Section IX Special Protection Information**

**Precautions to be Taken in Handling and Storing:**  
 Store in a cool, dry location, away from heat, open flames or sparks, or flammable materials.

**Other Precautions:**  
 Do not crush or drop. KEEP AWAY FROM CHILDREN.

**Other Safety Information:**  
This packaging is designed to be self-extinguishing, and should smother any unintended ignition provided the packaging is intact and closed.

**Section X Shipping Information**

**Shipping Description** (as per United States DOT Regulations 49 CFR and subparts 173.185.)  
 MATCHES, SAFETY, 4.1, UN 1944, PGIII

**Hazardous Material Class**  
 4.1 Flammable Solid

**Northern American Emergency Response Guidebook 2000:**  
 Guide 133 for First Responders During the Initial Phase of a Dangerous Goods/Hazardous Materials Incident.

**NOTE:** According to 49 CFR 173.186 (c) Safety matches and wax "Vesta" matches must be tightly packed in securely closed inner packagings to prevent accidental ignition under conditions normally incidental to transportation, and further packed in outer fiberboard, wooden, or other equivalent outer packagings. These matches in outer packagings not exceeding 23 kg (50 pounds) gross weight are not subject to any other requirement (except marking) of this subchapter. These matches may be packed in the same outer packaging with materials not subject to this subchapter.

**DISCLAIMER:**

While the information and recommendations contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Alltrista Consumer Products Company (CPC) makes no warranty, express or implied regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and Alltrista CPC assumes no responsibility from the use or reliance thereon. It is the responsibility of the user of Alltrista CPC products to comply with all applicable Federal, State, and Local laws and regulations.



Telephone: (845) 365-8200 \* Website: www.dynarex.com  
Toll Free: (888) DYNAREX \* Website: www.thcnet.com  
Fax: (845) 365-8201

## MATERIAL SAFETY DATA SHEET

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Dtd. 4/4/13

### I. PRODUCT IDENTIFICATION

PRODUCT/TRADE NAME: ALCOHOL PREP/SWAB – Reorder #'s AM-20200, 1103, 1104, 1106, 1113, 1114, 1116 1203, 1204.

#### HAZARD RATING (NFPA)

HEALTH: 1

FLAMMABILITY: 3

REACTIVITY: 0

SPECIFIC: NONE

EMERGENCY OR INFORMATION TELEPHONE NO: 845-365-8200 (M-F DAYTIME) AT OTHER TIMES, CONTACT THE LOCAL POISON CONTROL CENTER

CHEMICAL NAME: ISOPROPYL ALCOHOL

### II. HAZARDOUS INGREDIENTS PER 29 CFR 1910.1200

Hazardous Ingredients	%	ACGIH TLV	CAS NUMBER
ISOPROPYL ALCOHOL	70	400 ppm	67-63-0

### III. PHYSICAL/CHEMICAL CHARACTERISTICS

COLOR/ODOR/APPEARANCE: TOWELETTE/PAD/SWAB SATURATED WITH CLEAR LIQUID WITH ALCOHOL ODOR..

BOILING POINT: N/A

FLASH POINT: 78°F

VAPOR DENSITY N/A

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: COMPLETE

SPECIFIC GRAVITY (H<sub>2</sub>O = 1):N/A

### IV. FIRE & EXPLOSION HAZARD DATA

FLASH POINT (Method Used): 78°F TAG CLOSED CUP : LEL: 2.0 UEL: 12.0

EXTINGUISHING MEDIA: DRY CHEMICAL OR ALCOHOL TYPE FOAM, CARBON DIOXIDE

SPECIAL FIRE FIGHTING PROCEDURES: HANDLE AS FLAMMABLE LIQUID. USE RESPIRATORY PROTECTION FOR

FIRE FIGHTING PERSONNEL

UNUSUAL FIRE AND EXPLOSION HAZARDS: CLASS 3 FLAMMABILITY

### V. REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID NONE

INCOMPATIBILITY: NONE

HAZARDOUS DECOMPOSITION OR BYPRODUCT: NONE

POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NONE

**Executive Headquarters:** Ten Glenshaw Street, Orangeburg, NY 10962



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ALCOHOL PREP/SWAB

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## VI. HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE:

SKIN: IF RASH APPEARS, DISCONTINUE USE

EYES: WILL CAUSE EYE STING IF SPLASHED

INHALATION: NONE

INGESTION NOT A NORMAL ROUTE OF ENTRY

EMERGENCY AND FIRST AID PROCEDURES:

SKIN CONTACT: DISCONTINUE USE IF RASH OR IRRITATION OCCURS

EYE CONTACT: FLUSH WITH COLD WATER FOR 15 MINUTES

INHALATION: REMOVE TO FRESH AIR

INGESTION: INDUCE VOMITING. CALL PHYSICIAN

TARGET ORGANS: N/A

## VII. SPILL AND DISPOSAL PROCEDURE

SPILL CONTROL: ELIMINATE ALL SOURCES OF IGNITION

WASTE DISPOSAL METHOD: FLUSH SPILLS WITH WATER. HANDLE AS FLAMMABLE LIQUID. FOLLOW LOCAL, STATE AND FEDERAL REGULATIONS.

HANDLING AND STORAGE: STORE AWAY FROM HEAT AND SOURCES OF IGNITION

## VIII. CONTROL MEASURES/PROTECTION

RESPIRATION: USE IF PERMISSABLE EXPOSURE LEVEL IS EXCEEDED WHEN HANDLING BULK LIQUID

VENTILATION: RECOMMENDED

PROTECTIVE GLOVES: NONE REQUIRED

EYE PROTECTION: ONLY IF SPLASHING IS EXPECTED

HYGIENIC PRACTICES: GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

OTHER: DON'T ALLOW LARGE QUANTITIES OF WASTE TO ACCUMULATE

## IX. TRANSPORT/SHIPPING

DOT SHIPPING NAME: N/A

TECHNICAL SHIPPING NAME: N/A

DOT SHIPPING CLASSIFICATION: DOT-NOT REGULATED

DOT ID NO.: N/A

DOT LABEL REQUIREMENTS: N/A

UN/NA NUMBER REGULATIONS: N/A

REPORTABLE QUANTITY: N/A

## X. DISCLAIMER

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Reviewed on 4/11/13

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**MATERIAL SAFETY DATA SHEET**

Reorder # 1303 / 1331 (BZK Antiseptic Towelettes)

**I. PRODUCT IDENTIFICATION**

PRODUCT/TRADE NAME: BZK ANTISEPTIC TOWELETTE

HAZARD RATING (NFPA)

HEALTH: 0  
 FLAMMABILITY: 0  
 REACTIVITY: 0  
 SPECIFIC: NONE

Emergency or Information Phone No.: 845-365-8200 (M-F Daytime)  
 At other times, contact the local Poison Control Center.

CHEMICAL NAME: PROPRIETARY MIXTURE

**II HAZARDOUS INGREDIENTS**

PER 29 CFR 1910.1200

Hazardous Ingredients	%	ACGIH TLV	CAS NUMBER
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NONE. NO COMPONENTS OVER 1% OF FORMULATION

**III PHYSICAL/CHEMICAL CHARACTERISTICS**

COLOR/ODOR/APPEARANCE: TOWELETTE SATURATED WITH CLEAR, COLORLESS LIQUID.

BOILING POINT: N/A  
 FLASH POINT: NOT APPLICABLE  
 VAPOR DENSITY: N/A  
 EVAPORATION RATE: N/A  
 SOLUBILITY IN WATER: COMPLETE

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.0

**IV FIRE & EXPLOSION HAZARD DATA**

FLASH POINT(Method Used): NOT APPLICABLE LEL: N/A UEL: N/A  
 EXTINGUISHING MEDIA: ANY  
 SPECIAL FIRE FIGHTING PROCEDURES: NONE  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

**V-REACTIVITY DATA**

STABILITY: STABLE  
 CONDITIONS TO AVOID N/A  
 INCOMPATIBILITY: ANIONIC SURFACTANTS/SOAPS  
 HAZARDOUS DECOMPOSITION OR BYPRODUCT: NONE  
 POLYMERIZATION: WILL NOT OCCUR  
 CONDITIONS TO AVOID: NONE



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**VI-HEALTH HAZARD DATA**

EFFECTS OF OVER EXPOSURE:  
SKIN NONE  
EYES : MAY CAUSE DISCOMFORT  
INHALATION: NONE  
INGESTION NONE

**EMERGENCY AND FIRST AID PROCEDURES:**

SKIN CONTACT: DISCONTINUE USE IF RASH OR IRRITATION OCCURS  
EYE CONTACT: FLUSH WITH COLD WATER IF SPLASHED IN EYES  
INHALATION: NONE  
INGESTION: NONE  
TARGET ORGANS: NONE

**VII-SPILL AND DISPOSAL PROCEDURE**

SPILL CONTROL: RINSE INTO SEWER SYSTEM  
WASTE DISPOSAL METHOD: FOLLOW LOCAL STATE AND FEDERAL REGULATIONS.  
HANDLING AND STORAGE: NONE

**VIII-CONTROL MEASURES/PROTECTION**

RESPIRATION: NONE.  
VENTILATION: NONE.  
PROTECTIVE GLOVES: NONE  
EYE PROTECTION: IF SPLASH POTENTIAL EXISTS  
HYGIENIC PRACTICES: GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.  
OTHER: NONE

**IX TRANSPORT/SHIPPING**

DOT SHIPPING NAME:  
TECHNICAL SHIPPING NAME:  
DOT SHIPPING CLASSIFICATION: DOT Not Regulated  
DOT ID NO.:  
DOT LABEL REQUIREMENTS:  
UN/NA NUMBER REGULATIONS:  
REPORTABLE QUANTITY:

**X DISCLAIMER**

The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and Dynarex Corp. assumes no legal responsibility or liability resulting from its use.

This MSDS has been compiled in accordance with - EC Directive 91/155/EC - OSHA's Hazcom Standard (29 CFR 1910.1200)



# Product Information Sheet

## Panasonic Batteries

Panasonic Industrial Company  
A Division Panasonic Corporation of North America  
5201 Tollview Drive, 1F-3  
Rolling Meadows, IL 60008  
Toll Free: 877-726-2228  
Fax: 847-637-4660  
Internet: [www.panasonic.com/industrial/batteries-oem](http://www.panasonic.com/industrial/batteries-oem)  
e-mail: [ombatteries@panasonic.com](mailto:ombatteries@panasonic.com)

**Product:** Poly- carbonmonofluoride  
(BR Type) Lithium Batteries  
**Applicable models/sizes:** All BR type  
cylindrical and coin batteries, except  
our BR-C.  
**Revision:** January 1, 2014

The batteries referenced herein are exempt articles and are not subject to the OSHA Hazard Communication Standard requirement. This sheet is provided as a service to our customers.

## MSDS

Material Safety Data Sheets (MSDS) are a sub-requirement of the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR Subpart 1910.1200. This Hazard Communication Standard does not apply to various subcategories including anything defined by OSHA as an "article". OSHA has defined "article" as a manufactured item other than a fluid or particle; (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g. minute or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees.

*Because all of our batteries are defined as "articles", they are exempt from the requirements of the Hazard Communication Standard; hence a MSDS is not required.*

The following components are found in a Panasonic Poly-carbonmonofluoride (BR) Lithium battery:

Cylindrical Cell Components	Material	Formula
Positive Electrode	Poly-carbonmonofluoride	(CF) <sub>n</sub>
Negative Electrode	Lithium	Li
Electrolyte	γ-Butyrolactone – Solvent	C <sub>4</sub> H <sub>6</sub> O <sub>2</sub>
	1,2 Dimethoxyethane- Solvent	C <sub>4</sub> H <sub>10</sub> O <sub>2</sub>
	Lithium Tetrafluoroborate-Salt	LiBF <sub>4</sub>
Coin Cell Components	Material	Formula
Positive Electrode	Poly-carbonmonofluoride	(CF) <sub>n</sub>
Negative Electrode	Lithium	Li
Electrolyte	γ-Butyrolactone – Solvent	C <sub>4</sub> H <sub>6</sub> O <sub>2</sub>
	1,2 Dimethoxyethane- Solvent	C <sub>4</sub> H <sub>10</sub> O <sub>2</sub>
	Lithium Tetrafluoroborate-Salt	LiBF <sub>4</sub>

## DISPOSAL

Lithium batteries are neither specifically listed nor exempted from the Federal Environmental Protection Agency (EPA) hazardous waste regulations as promulgated by the Resource Conservation and Recovery Act (RCRA). The only metal of possible concern in a lithium battery is lithium that is not a listed or characteristic toxic hazardous waste. Waste lithium batteries can be considered a reactive hazardous waste if there is a significant amount of unreacted, or unconsumed lithium remaining in the spent battery. The key to disposing of a lithium battery as a non-hazardous waste is to guarantee that it is fully or mostly discharged. Once it is discharged it can be disposed of as non-hazardous waste. You can dispose of a fully charged or partially discharged lithium battery as a hazardous waste after they are first neutralized through an approved secondary treatment. The need for a secondary treatment prior to disposal is a requirement of the U.S. Land Ban Restrictions of the Hazardous and Solid Waste Amendments of 1984. A secondary treatment center can only receive these batteries as manifested hazardous waste. The waste code for charged lithium

# MATERIAL SAFETY DATA SHEET

<b><i>First Aid Burn Cream</i></b>	MSDS No.:	007
	Revision No.:	5
	Effective Date:	12/27/2010

PRODUCT AND COMPANY INFORMATION – SECTION 1	
<u>Manufacturer/Distributor</u>	Water-Jel Technologies 50 Broad Street Carlstadt, NJ 07072 201-507-8300 800-275-3433
<u>Product Name:</u>	First Aid Burn Cream
<u>Synonyms:</u>	Topical Cream, Bum Cream
<u>Intended Use:</u>	First aid to help prevent infection and for temporary relief of pain in minor cuts, scrapes, and burns. For external use only.

**FOR CHEMICAL EMERGENCY, SPILL, LEAK,  
FIRE, EXPOSURE, OR ACCIDENT:**

In the continental U.S.: 800-275-3433  
For additional information: 201-507-8300

COMPOSITION INFORMATION – SECTION 2		
In accordance with 29 CFR § 1910.1200 (i) (1) the specific chemical identity of this product is being withheld as a trade secret.		
<u>Chemical Name:</u>	Cetyl Alcohol	
<u>Percent:</u>	Proprietary	
<u>CAS Number:</u>	36653-82-4	
<u>Exposure Limits:</u>	None Established	
<u>Chemical Name:</u>	Gemaben II	
<u>Percent:</u>	Proprietary	
<u>CAS Number:</u>	No information available.	
<u>Exposure Limits:</u>	None Established	
<u>Chemical Name:</u>	Glycerin	
<u>Percent:</u>	Proprietary	
<u>CAS Number:</u>	56-81-5	
<u>Exposure Limits:</u>	ACGIH TWA (Glycerin Mist):	OSHA PEL (Glycerin Mist):
	<u>Total Dust:</u> 15 mg/m <sup>3</sup>	<u>Total Dust:</u> 10 mg/m <sup>3</sup>
	<u>Respirable Fraction:</u> 5 mg/m <sup>3</sup>	<u>Respirable Fraction:</u> 5 mg/m <sup>3</sup>
<u>Chemical Name:</u>	Glyceryl Monostearate SE (Glyceryl Stearate)	
<u>Percent:</u>	Proprietary	
<u>CAS Number:</u>	31566-31-3	
<u>Exposure Limits:</u>	<u>TWA (Stearates):</u>  10 mg/m <sup>3</sup>	

## MATERIAL SAFETY DATA SHEET

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<b>Chemical Name:</b>	White Mineral Oil
<b>Percent:</b>	Proprietary
<b>CAS Number:</b>	8042-47-5
<b>Exposure Limits:</b>	None Established
<b>Chemical Name:</b>	Peg 100
<b>Percent:</b>	Proprietary
<b>CAS Number:</b>	25322-68-3
<b>Exposure Limits:</b>	None Established
<b>Chemical Name:</b>	Stearic Acid
<b>Percent:</b>	Proprietary
<b>CAS Number:</b>	57-11-4
<b>Exposure Limits:</b>	None Established

HAZARDS IDENTIFICATION – SECTION 3	
<b>EMERGENCY OVERVIEW &amp; HAZARDS PRESENT TO MAN AND THE ENVIRONMENT</b>	May cause irritation to eyes and may cause irritation of the digestive tract when ingested.
<b>PRIMARY ROUTES OF EXPOSURE</b>	Eye contact, Ingestion
<b><i>POTENTIAL HEALTH EFFECTS:</i></b>	
<b>Eyes:</b>	May cause irritation, characterized by a burning sensation, redness, tearing, inflammation, dryness, and possible other effects.
<b>Skin:</b>	No adverse conditions expected.
<b>Inhalation:</b>	Unlikely route of exposure.
<b>Ingestion:</b>	May cause irritation of the digestive tract.
<b>MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:</b>	No information available.
<b><i>CHRONIC HEALTH EFFECTS:</i></b>	
<b><i>Eyes:</i></b>	Flush eyes with clear running water for a minimum of fifteen (15) minutes while holding eyelids open; if irritation persists, seek medical attention.
<b><i>Skin:</i></b>	No adverse conditions expected.
<b><i>Inhalation:</i></b>	Unlikely route of exposure.
<b><i>Ingestion:</i></b>	Rinse out mouth and drink lots of water. In case of unusual symptoms, seek medical attention and show physician the container details.

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<b><i>First Aid Burn Cream</i></b>	MSDS No.:	007
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FIRST AID MEASURES – SECTION 4	
<i>SEEK MEDICAL ATTENTION FOR ALL CASES OF OVEREXPOSURE.</i>	
<u>FIRST AID MEASURES:</u>	
<i>Eyes:</i>	Flush immediately with large amounts of water. If redness or irritation persists, contact a physician.
<i>Skin:</i>	No adverse conditions expected.
<i>Inhalation:</i>	Unlikely route of exposure.
<i>Ingestion:</i>	Contact a physician immediately.
<i>Instructions for Physician:</i>	Available data does not identify any conditions.

FIRE FIGHTING MEASURES – SECTION 5			
<i>NFPA Classification</i>			
<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>Other</u>
1	0	0	N/A
<u>FLAMMABILITY PROPERTIES</u>			
<u>Flash Point:</u>	N/A	<u>Method:</u>	N/A
<u>Flammability Limits:</u> (in air % by volume)		<u>LEL:</u>	N/A
		<u>UEL:</u>	N/A
<u>Autoignition Temperature:</u>			
N/A			
<u>Hazardous Combustion Products:</u>			
Carbon Monoxide, Carbon Dioxide			
<u>Extinguishing Media:</u>			
Use extinguishing media appropriate for the surrounding fire. Use water spray, foam or dry chemical.			
<u>Prohibited Extinguishing Media:</u>			
In fires involving large quantities of this product, the use of large streams of water should be avoided.			
<u>Firefighting Instructions:</u>			
Use self-contained breathing apparatus when fighting fires that involve this material.			
<u>Unusual Fire and Explosion Hazards:</u>			
Carbon monoxide and carbon dioxide may be generated.			

# MATERIAL SAFETY DATA SHEET

<b><i>First Aid Burn Cream</i></b>	MSDS No.:	007
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	Effective Date:	12/27/2010

<b>ACCIDENTAL RELEASE MEASURES – SECTION 6</b>	
<b><u>Environmental Precautions:</u></b>	
No information available.	
<b><u>Cleanup Methods:</u></b>	
<u>Small spills:</u> Spills should be collected with approved inert absorbent for disposal.	
<u>Large spills:</u> Spills should be collected with approved absorbent for disposal.	

<b>HANDLING &amp; STORAGE – SECTION 7</b>	
<b>Handling:</b>	Keep this and other chemicals out of reach of children.
<b>Storage:</b>	Do not store or mix with strong acids or oxidizers.
<b>Specific Uses:</b>	First aid to help prevent infection and for temporary relief of pain in minor cuts, scrapes and burns. For external use only.

<b>EXPOSURE CONTROLS / PERSONAL PROTECTION – SECTION 8</b>		
<b><u>EXPOSURE CONTROLS:</u></b>		
<b><u>Exposure Limits Values:</u></b>		
	<b><u>OSHA PEL:</u></b>	<b><u>ACGIH TLV:</u></b>
Stearates (Glyceryl Stearate)	Not Established	10 mg/m <sup>3</sup>
Glycerin Mist (Glycerin)	<u>Total Dust:</u> 15 mg/m <sup>3</sup>	<u>Total Dust:</u> 10 mg/m <sup>3</sup>
	<u>Respirable Fraction:</u> 5 mg/m <sup>3</sup>	<u>Respirable Fraction:</u> 5 mg/m <sup>3</sup>
<b><u>Engineering Controls:</u></b>		
Local Exhaust is recommended.		
<b><u>PERSONAL PROTECTIVE EQUIPMENT:</u></b>		
<b><u>Respiratory Protection:</u></b>		
None required under normal conditions.		
<b><u>Hand Protection:</u></b>		
None required under normal conditions.		
<b><u>Eye/Face Protection:</u></b>		
Eye protection, as necessary to prevent excessive contact.		
<b><u>Skin Protection:</u></b>		
None required under normal conditions.		
<b><u>General Hygiene Considerations:</u></b>		
Practice safe work habits. Use according to label instructions.		

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<b>First Aid Burn Cream</b>	MSDS No.:	007
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**Other Protective Equipment:**  
 Eye wash stations should be nearby and ready for use.

## PHYSICAL & CHEMICAL PROPERTIES – SECTION 9

PRODUCT:	First Aid Burn Cream
<b>General Information:</b>	
Appearance	White homogeneous cream
Odor	Slightly fatty odor
<b>Important Health, Safety, and Environmental Information:</b>	
Boiling Point	135°C 275°F
Melting Point	60°C (140°F)
Flash Point	N/A
Explosive Properties	No information available.
Oxidizing Properties	No information available.
Specific Gravity ( $H_2O = 1$ )	0.81
Water Solubility	Miscible
Partition Coefficient ( <i>n</i> -octanol/water)	No information available.
Viscosity	No information available.
Vapor Pressure ( <i>mm Hg</i> )	No information available.
Vapor Density ( <i>Air = 1</i> )	No information available.
Evaporation Rate	0.07
% Volatile ( <i>By Volume @ 68°F</i> )	65

## STABILITY & REACTIVITY – SECTION 10

**Stability:**  
 This material is stable under normal conditions.

**Conditions to avoid:**  
 Extreme heat

**Materials to avoid:**  
 Strong oxidants, Strong Acids

**Hazardous Decomposition Products:**  
 Carbon Monoxide, Carbon Dioxide

# MATERIAL SAFETY DATA SHEET

<b>First Aid Burn Cream</b>	MSDS No.:	007
	Revision No.:	5
	Effective Date:	12/27/2010

**Hazardous Polymerization:**  
Will not occur.

### TOXICOLOGICAL INFORMATION – SECTION 11

Type of Test	Route of Exposure	Effects	Species Observed	Dose Data
LD <sub>50</sub> – (Cetyl Alcohol)	Oral	Death	Rodent - Rat	5 mg/kg
LD <sub>50</sub> – (Glycerin)	Oral	Death	Rodent - Rat	12600 mg/kg
LD <sub>50</sub> – (Glyceril Stearate)	Intraperitoneal	Death	Rodent - Mouse	200 mg/kg
LD <sub>50</sub> – (Mineral Oil)	Oral	Death	Rodent - Mouse	22 gm/kg
LD <sub>50</sub> – (Stearic Acid)	Intravenous	Death	Rodent - Rat	21500 ug/kg

### ECOLOGICAL INFORMATION – SECTION 12

**Ecotoxicity:**  
No information available.

**Mobility:**  
No information available.

**Persistence and Degradability:**  
No information available.

**Bio accumulative Potential:**  
No information available.

### DISPOSAL CONSIDERATION – SECTION 13

Dispose of in accordance with Local, State, and Federal regulations.

### TRANSPORT INFORMATION – SECTION 14

<b>DOT CLASSIFICATION:</b>	
<b>UN Number:</b>	Not Regulated for Domestic Transport.
<b>Class:</b>	

# MATERIAL SAFETY DATA SHEET

<b><i>First Aid Burn Cream</i></b>	MSDS No.:	007
	Revision No.:	5
	Effective Date:	12/27/2010

Proper Shipping Name:	Not regulated for Domestic Transport.
Packing Group:	
Marine Pollutant:	
Other Information:	
<b><i>IATA CLASSIFICATION:</i></b>	
Un Number:	Not Regulated for International Air Transport.
Class:	
Proper Shipping Name:	
Packing Group:	
Marine Pollutant:	
Other Information:	
<b><i>IMDG CLASSIFICATION:</i></b>	
Un Number:	Not Regulated for International Water Transport.
Class:	
Proper Shipping Name:	
Packing Group:	
Marine Pollutant:	
Other Information:	

REGULATORY INFORMATION – SECTION 15	
<b><i>US REGULATIONS</i></b>	
ACGIH	<u>TWA (Glycerin Mist):</u>  <u>Total Dust:</u> 15 mg/m <sup>3</sup>  <u>Respirable Fraction:</u> 5 mg/m <sup>3</sup> <u>TWA (Stearates):</u>  10 mg/m <sup>3</sup>
CAA Section 112	Not Listed
CERCLA	Not Listed
IARC	Not Listed
NTP	Not Listed
OSHA	<u>OSHA PEL (Glycerin Mist):</u>  <u>Total Dust:</u> 10 mg/m <sup>3</sup>  <u>Respirable Fraction:</u> 5 mg/m <sup>3</sup>
SARA Title III	Not Listed



## MATERIAL SAFETY DATA SHEET

<b><i>First Aid Burn Cream</i></b>	MSDS No.:	007
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TSCA	Not Listed
<u><b>STATE REGULATIONS</b></u>	
MA substance List	Not Listed
NJ RTK Hazardous Substance List	Not Listed
PA Hazardous Substance List	Not Listed
Canadian WHMIS	Not Listed

*To the best of our knowledge, the information contained herein is accurate. However, neither Water-Jel Technologies, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

## SAFETY DATA SHEET

### 1. Product and Company Identification

**Emergency Road Flare / Fusee / Railway Flare**

NSN#: 1370-01-009-2593

**Backfire Torches (p/n 4100)**

NSN#: 1370-00-294-1279

**SAR Signal Flare / Campfire Starter**

**Use:** Emergency signal  
Forest fire control  
Campfire starter

**Identification:** Only the NPC flare will have the following symbol on it:



**For Both Perchlorate (PC) and No Perchlorate (NPC) Formulations**

Orion Safety Products  
28320 St. Michaels Rd  
Easton, MD 21601

**Phone Number:** 800-637-7807  
410-822-0318  
**EMERGENCY CHEMTREC** 1-800-424-9300

### 2. Hazards Identification

#### Emergency Overview



**Danger**

GHS Classifications	
Explosive	Division 1.4
Acute Toxicity	Category 5
Skin Corrosion / Irritation	Product- Category 1A Contents - Category 2
Serious Eye Damage / Irritation	Product-Category 1 Contents - Category 2B
Respiratory or Skin Sensitization	Contents - Category 1
Carcinogenicity	Category 1A
PC only: STOT - Repeated Exposure	Contents - Category 2

**Hazard Statements:**

Fire or projection hazard  
May be harmful if swallowed  
Causes severe skin burns and eye damage when used / burned  
Causes skin and eye irritation if exposed to contents  
May cause allergy or asthma symptoms or breathing difficulties if inhaled  
May cause cancer  
PC only: May cause damage to thyroid through ingestion after prolonged or repeated exposure

**Precautionary Statements:**

Keep out of reach of children.  
Keep away from heat/sparks/open flames/hot surfaces. - no smoking.  
Keep/Store away from combustible materials.  
Protect from moisture.  
Use only non-sparking tools for cleanup of spilled contents  
Avoid breathing dust/smoke  
Use only outdoors.  
Avoid release to the environment.  
Use personal protective equipment as required.  
In case of fire: use water deluge. Do not use dry powder or foam extinguishers!

**NFPA Rating**

Flammability 1  
Health 2  
Reactivity 1

**HMIS Rating**

Flammability 1  
Health 2  
Physical Hazard 1

### 3. Composition / Information on Ingredients

Component	CAS #	EINCS #	NPC %age	PC %age
Strontium Nitrate	10042-76-9	233-131-9	<75%	<75%
Sulfur	7704-34-9	231-722-6	<25%	<25%
Paraffinic Oil	64742-54-7	232-384-2	<25%	<25%
Potassium Chlorate	3811-04-9	231-100-4	<25%	<25%
Sawdust / Wood Flour	9004-34-6	232-674-9	<25%	<25%
Shellac	mixture	none	<25%	<25%
Marble Dust	1317-65-3	215-279-6	<10%	<10%
Burnt Umber	12713-03-0	235-784-5	<10%	<10%
NPC only: Potassium Nitrate	7757-79-1	231-818-8	<25%	n/a
NPC only: Polyvinyl Chloride	9002-86-2	200-831-0	<25%	n/a
PC only: Potassium Perchlorate	7778-74-7	231-912-9	n/a	<25%

### 4. First Aid Measures

**Inhalation** If fumes from ignition or contents are inhaled, remove to fresh air. Watch for signs of allergic reaction. If other symptoms develop, get medical aid immediately.

**Skin** For burns, cool with water and bandage appropriately. If contents are contacted, wash with area with soap and water for 15 minutes. Remove contaminated clothing and wash before reuse. Get medical aid immediately if burned or irritation occurs.

**Eyes** If burned, cover eye and get medical aid immediately. If contents get into eye, flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Remove contact lenses if easily possible. Do not use boric acid to rinse with; sulfur is an acid irritant. Get medical aid immediately.

**Ingestion** Get medical aid immediately.

<b>5. Firefighting Measures</b>			
<b>Extinguishing Media</b>	Water deluge	<b>Unsuitable Extinguishing Media</b>	Foam and dry chemical extinguishers and suffocation are ineffective.
<b>Protective Equipment and Precautions for Firefighters</b>	Wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Prevent further propagation of fire by spraying unburnt nearby product with water. Combat fire from a sheltered position.		
<b>Specific Hazards Arising from the Chemical</b>	Flame and sparks are ejected out the open end of the flare when it functions.		
<b>Flashpoint</b>	Not Applicable	<b>Flammability Limits</b>	Not Applicable <b>Ignition Temperature</b> >167°F

<b>6. Accidental Release Measures</b>	
<b>Personal Precautions</b>	<b>Environmental Precautions</b>
Do not breathe contents and avoid contact with skin and eyes. Wear flame retardant clothing with long sleeves, dust mask, rubber or nitrile gloves, safety goggles, safety shoes. Avoid friction on the released product. Keep away from ignition sources.	Prevent dispersion of contents on soil and in water. Prevent contents from spreading or entering into drains, ditches, groundwater or rivers by using appropriate barriers.
<b>Methods for Containment and Clean-up</b>	
Use caution when cleaning up spilled product contents. Remove heat, flames, sparks and other sources of ignition. Use non-sparking tools and equipment. Prevent buildup of electrostatic charges by grounding. Clean spills in a manner that does not disperse dust into the air. Do not absorb in sawdust or other combustible absorbents. Pick up spill for recovery or disposal and place in an approved container. Wash away remainder with plenty of water. Collect wash water for approved disposal.	

<b>7. Handling and Storage</b>	
<b>Handling</b>	Hold and point flare away from body when igniting. Exercise caution when using this product since molten flecks may be emitted. Avoid contact with clothing and other combustible materials. Wear eye protection during use. Follow instructions on package. Use outdoors only! Do not ignite or burn product inside a vehicle or building. Avoid inhalation of smoke. Do not dismantle. Do not allow contents to touch eyes, skin or clothing. Do not ingest contents as they may be harmful if swallowed. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with heat, sparks, and flame.
<b>Storage</b>	Store in a closed container away from direct sunlight, heat and incompatible materials. Store away from food and beverages. Store away from flammable materials, sources of heat, flame and sparks. Store at ambient temperature. Do not store partially burned flares in a vehicle, warehouse, or any other building. <b>NPC only:</b> Plastic bags are provided for moisture protection. Keep partially used bags sealed at all times.

<b>8. Exposure Controls / Personal Protection</b>		
<b>Exposure Limits</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Strontium Nitrate	Not Established	Not Established
Sulfur	Not Established	Not Established
Paraffinic Oil	5 mg/m <sup>3</sup>	TWA 5 mg/m <sup>3</sup>
Potassium Chlorate	No Airborne Exposure Limits established	No Airborne Exposure Limits established
Sawdust / Wood Flour	Wood dust 5.0 mg/m <sup>3</sup> (respirable fraction) Western red cedar: TWA – 2.5 mg/m <sup>3</sup>	TWA-5.0 mg/m <sup>3</sup> ; STEL (15 min.) – 10 mg/m <sup>3</sup> (softwood) TWA – 1.0 mg/m <sup>3</sup> (certain hardwoods such as beech or oak)
Marble Dust	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)	not stated
Burnt Umber	10 mg/cu m. Fume	8 hr Time Weighted Avg (TWA): 5 mg/cu m, respirable fraction
<b>NPC only: Potassium Nitrate</b>	Nuisance dust 15 mg/m <sup>3</sup> .	Nuisance dust 15 mg/m <sup>3</sup> .
<b>NPC only: Polyvinyl Chloride</b>	No known hazardous components above regulatory thresholds in this product.	No known hazardous components above regulatory thresholds in this product.
<b>PC only: Potassium Perchlorate</b>	nuisance dust 15 mg/m <sup>3</sup> .	nuisance dust 15 mg/m <sup>3</sup> .

<b>Engineering Controls</b>	Use product outdoors only! When cleaning up contents, use local and/or general exhaust.
<b>Eye / Face Protection</b>	Safety glasses or goggles
<b>Skin Protection</b>	None under normal conditions when using product unless prolonged handling is anticipated. Impervious protective clothing, including gloves, boots, and a lab coat, apron or coveralls, as appropriate, when cleaning up spilled product. Wash hands and face before eating, drinking or using tobacco products.
<b>Respiratory Protection</b>	None under normal conditions when using product. A particulate respirator (NIOSH t N95 or better filters) may be worn during the cleanup of spilled materials.
<b>General Hygiene</b>	Use product outdoors away from combustible products. For cleanup of spilled materials, emergency showers and eye wash stations should be available. Educate and train employees in the safe use and handling of hazardous materials.

<b>9. Physical and Chemical Properties</b>			
<b>Appearance (color, physical form, shape):</b>	Red, yellow, or kraft paper tube with plastic or cardboard cap on one end		
<b>pH:</b>	Not available	<b>Melting Point:</b>	Not available
<b>Boiling Point</b>	Not applicable	<b>Freezing Point:</b>	Not applicable
<b>Vapor Pressure:</b>	Not applicable	<b>Specific Gravity</b>	Not applicable
		<b>Solubility:</b>	Not available
		<b>Evaporation Rate:</b>	Not applicable
		<b>Vapor Density:</b>	Not applicable

## 10. Stability and Reactivity

<b>Chemical Stability</b> Stable	<b>Possibility of Hazardous Reactions</b> Hazardous polymerization will not occur.
<b>Conditions to Avoid</b> Combustible materials, heat, flames, sparks and other sources of ignition. Moisture.	<b>Incompatible Materials</b> Strong acids, strong fuels, ammonia salts, and strong bases. Strong oxidizers; chlorate salts.
	<b>Hazardous Decomposition Products</b> Carbon monoxide, carbon dioxide, sulfur oxides, and nitrogen oxides.

## 11. Toxicology Information

Toxicology	Oral LD50	skin LD50	LC50
Strontium Nitrate	Rat: 2750 mg/kg	No information found	No information found
Sulfur	Rat:>2000 mg/kg	Rat:>2000 mg/kg	Rat: 79.23 mg/L 4hr
Paraffinic Oil	Rat: >2000 mg/kg	Rat: >2000 mg/kg	No information found
Potassium Chlorate	Rat: 1870 mg/kg	Rabbit: > 2000 mg/kg	No information found
Sawdust / Wood Flour	not stated	not stated	not stated
Marble Dust	not stated	not stated	not stated
Burnt Umber	not stated	not stated	not stated
<b>NPC only: Potassium Nitrate</b>	<b>Rat: 3750 mg/kg</b>	<b>No information found</b>	<b>No information found</b>
<b>NPC only: Polyvinyl Chloride</b>	<i>no known hazardous components above regulatory thresholds in this product.</i>	<i>no known hazardous components above regulatory thresholds in this product.</i>	<i>no known hazardous components above regulatory thresholds in this product.</i>
<b>PC only: Potassium Perchlorate</b>	Rat: 2100 mg/kg	No information found	No information found

### Acute Dose Effects

Burning flare can cause severe burns if in contact with body. Contents may cause moderate eye irritation or burns. Skin contact with flare contents causes irritation and possible burns, especially if skin is wet or moist. Ingestion of contents may cause gastrointestinal irritation with nausea, vomiting and diarrhea. Inhalation of smoke or contents will cause irritation to the lungs and mucus membrane. Individuals with known allergies to sulfide drugs may also have allergic reactions to elemental sulfur.

### Repeated Dose Effects

Prolonged or repeated skin contact with contents may cause dermatitis.

<b>Irritation</b>	Contents irritating to the skin and eyes on contact. Inhalation of contents or smoke from burning flare will cause irritation to the lungs and mucus membrane.	<b>Corrosivity</b>	Burning flare can cause severe burns if in contact with body
<b>Carcinogenicity</b>	Sawdust and Quartz Silica in Marble Dust and Burnt Umber are known to be carcinogens by IARC, PROP 65, NTP and ACGIH	<b>Reproductive Effects</b>	No information found
<b>Genetic Effects</b>	No information found	<b>Neurological Effects</b>	No information found
<b>Developmental Effects</b>	<b>PC only:</b> Perchlorate exposure at certain levels can disrupt the function of the thyroid gland by interfering with the iodide uptake and thyroid hormone production. This interference may lead to developmental defects. Scientists consider pregnant women, children, infants, and individuals with thyroid disorders to be the populations most at risk of harm from being exposed to perchlorate.	<b>Sensitization</b>	Individuals with known allergies to sulfide drugs may also have allergic reactions to elemental sulfur. Various species of wood dust can elicit allergic contact dermatitis in sensitized individuals.
<b>Target Organ Effects</b>	Eye, skin, kidney, lungs, and heart. <b>PC only:</b> Thyroid		

## 12. Ecological Information

Aquatic Toxicity	Persistence / Degradability	Bioaccumulation / Accumulation	Mobility in Environmental Media
<u>Strontium Nitrate:</u> Acute toxicity - Fishes, <i>Carassius auratus</i> , LC100, 9,615 mg/l; Chronic toxicity - Fishes, <i>Gasterosteus aculeatus</i> , LC100, 2,912 mg/l	No information found	No information found	<u>Strontium Nitrate:</u> Water:: considerable solubility and mobility; Soil/sediments non-significant adsorption
<u>Sulfur:</u> Toxicity to fish LC50 - <i>Oncorhynchus mykiss</i> (rainbow trout) - > 180 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates: EC50 - <i>Daphnia magna</i> (Water flea) - > 5,000 mg/l - 48 h			<b>NPC only Potassium Nitrate:</b> Predicted Distribution : Water, 45% ; Soil, 54.7%
<u>Paraffinic Oil:</u> Oil Mist, Mineral <i>Lepomis macrochirus</i> (LC50) 96 hour(s) >100 mg/l <i>Oncorhynchus mykiss</i> (LC50) 96 hour(s) >100 mg/l			
<u>Potassium Chlorate:</u> fish: LC50 <i>oncorhynchus mykiss</i> (rainbow trout) 1750 mg/l - 96 hr, EC50 <i>daphnia magna</i> (water flea) 1093 mg/l 24 hr			
<b>NPC only: Potassium Nitrate:</b> fish: <i>Guppy</i> ( <i>Poecilia Reticulata</i> ) LC50 180 mg/L (96 h); zooplankton: <i>Daphnia magna</i> LC50 490mg/l - 48hr			

## 13. Disposal Considerations

Flares should be allowed to burn to completion. Partially burned or unburned flares, spilled contents, and ash from burned flares should be disposed of in accordance with federal, state, and local requirements. Consult factory for any additional disposal concerns. **PC only:** Refer to California Code of Regulations, Title 33, Sections 67384.1-67384.10 for additional information on handling and disposal of potassium perchlorate containing materials.

### 14. Transportation Information

Description	shipping name	hazard class	ID Number	packing group	EX Number	Reportable Quantities	Shipping method
<b>United States</b>							
Bulk flares	Fusee	4.1	NA1325	II	Not applicable	none	Ground only
Retail packaged flares	ORM-D / Limited Quantity	Not applicable	UN3178	Not applicable	Not applicable	none	Ground only
<b>International / Air</b>							
Bulk flares	Signal Devices, Hand	1.4S	UN0373	II	EX-1992090001	none	Air / ground

### 15. Regulatory Information

US Regulations	TSCA	CERCLA	CWA	CAA	SARA 313	SARA 302	Acute	Chronic	Fire	Reactivity	Pressure
Strontium Nitrate	yes	no	no	no	no	no	yes	yes	yes	yes	no
Sulfur	yes	no	no	no	no	no	yes	no	yes	no	no
Paraffinic Oil	yes	no	no	no	no	no	no	no	no	no	no
Potassium Chlorate	yes	no	no	no	no	no	yes	yes	no	yes	no
Sawdust / Wood Flour	yes	no	no	no	no	no	not stated	not stated	not stated	not stated	not stated
Marble Dust	yes	no	no	no	no	no	no	yes	yes	no	no
Burnt Umber	yes	no	no	no	no	yes	no	no	no	no	no
NPC only: Potassium Nitrate	yes	no	no	no	yes	no	no	yes	no	yes	no
NPC only: Polyvinyl Chloride	yes	no	no	no	no	no	yes	no	no	no	no
PC only: Potassium Perchlorate	yes	no	no	no	no	no	no	no	no	no	no

US States	Prop 65	NJ	PA	Canada	WHMIS	DSL	Europe	wgk
Strontium Nitrate	no	1743	no		No results	yes		2
Sulfur	no	1757	yes		No results	yes		1 / nwg
Paraffinic Oil	no	1437	no		No results	yes		not listed
Potassium Chlorate	yes	1560	yes		No results	yes		2
Sawdust / Wood Flour	yes	3227	yes		No results	yes		not listed
Marble Dust	yes	Does not meet criteria	yes		yes	NDSL		nwg
Burnt Umber	yes	Does not meet criteria	yes		No results	yes		not listed
NPC only: Potassium Nitrate	no	1574	yes		No results	yes		1
NPC only: Polyvinyl Chloride	no	3622	no		No results	yes		not listed
PC only: Potassium Perchlorate	no	1577	no		C	yes		1

### 16. Other Information

Revision Information: April 2014

#### Risk and Safety Phrases:

R7 May cause fire  
R10 Flammable  
R38, Irritating to skin  
R20 Harmful by inhalation.  
R21 Harmful in contact with skin.  
R22 Harmful if swallowed.  
R34 Causes burns  
R36 Irritating to eyes.  
R37 Irritating to respiratory system.  
S2 Keep out of the reach of children.

S8 Keep container dry  
S17 Keep away from combustible material  
S16 Keep away from sources of ignition  
S13 Keep away from food, drink and animal foodstuffs.  
S24 Avoid contact with skin.  
S25 Avoid contact with eyes.  
S29 Do not empty into drains.  
S41, In case of fire and / or explosion do not breathe fumes  
S43 In case of fire use water  
S51 Use only in well ventilated areas

#### Key / Legend:

HMS: hazardous material identification system  
NFPA: national fire protection association  
CAS: Chemical Abstracts Service number  
EINECS: European inventory of existing chemical substances  
OSHA PEL: occupational safety and health administration permissible exposure limit  
NIOSH TLV: national institute of occupational safety and health Threshold Limit Value  
NTP: National Toxicology Program  
IARC: International Agency for Research on Cancer

TSCA: toxic substance control act - US  
CERCLA: comprehensive environmental response, compensation and liability act - US  
CWA: clean water act - US  
CAA: clean air act - US  
SARA: superfund amendments and reauthorization act - US  
PROP 65: California's Proposition 65 list  
WHMIS: workplace hazardous materials information system - Canada  
DSL: Domestic Substances List - Canada  
WGK: water hazard classes - Germany

#### Legal Statement:

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# HEATMAX

## INCORPORATED

**MATERIAL SAFETY DATA SHEET****VERSION: 10/07/11****Section 1: PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: Air-Activated heating packs of various sizes  
(HotHands-2, Foot Warm-Up, Toasti Toes, HotHands Body Warmer, Adhesive Body Warmer, Survival Heat Pack & Cura-Heat Warmers)

SYNONYM: Heating pad wrapped in protective film.

ADDRESS: HEATMAX, INC., 513 HILL ROAD, DALTON, GA 30721

EMERGENCY PHONE NUMBER: 1-800-432-8629

For non-emergency information, call: 1-800-432-8629

**Section 2: COMPOSITION / INFORMATION ON INGREDIENTS**

<u>COMPONENT</u>	<u>CAS NO.</u>
Polymer	9003-04-7
Iron powder	7439-89-6
Activated charcoal	7440-44-0
Water	N/A
Vermiculite	1318-00-9
Salt	7647-14-5

**Section 3: HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW

Appearance and odor: Odorless, solid powder

HAZARD RATING

(On a scale of 1 to 4, with one indicating slight and four very high)

Health: 1

Flammability: 2

Reactivity: 1

POTENTIAL HEALTH EFFECTS

Likely routes of exposure: Skin & eye contact

Eye contact: No more than slight irritation

Skin contact: No more than slight irritation or burns

Inhalation: N/A

Ingestion: If accidentally ingested, in addition to the heat, the iron content could result in toxicity. If swallowed, wash out mouth with water and immediately seek medical attention.

Oral Toxicity:  $\geq 2,000\text{mg / kg}$

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# HEATMAX

## INCORPORATED

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### Section 4: FIRST AID MEASURES

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If in eyes or on skin: Flush eyes with large amount of water until irritation subsides, if irritation persists, get medical attention.

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### Section 5: FIRE FIGHTING MEASURES

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AUTOIGNITION: NOT NOTED                      UPPER EXPLOSIVE LIMIT: N/A

FLASH POINT: NOT NOTED                      LOWER EXPLOSION LIMIT: N/A

EXTINGUISHING MEDIA: In case of fire, use a water, spray foam, dry chemical or carbon dioxide extinguisher.

FIRE FIGHTING PROCEDURE: NO SPECIAL PROCEDURES ARE REQUIRED.

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### Section 6: SPILL OR LEAK PROCEDURES

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Spill or leak procedures: Spills or leaks should be cleaned with water.

Waste disposal methods: Dispose with regular garbage.

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### Section 7: HANDLING AND STORAGE

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HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES.

STORAGE TEMPERATURE: COOL DRY PLACE

HANDLING/STORAGE PROCEDURE: NONE

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### Section 8: EXPOSURE CONTROL / PERSONAL PROTECTION

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RESPIRATORY PROTECTION: NOT APPLICABLE

VENTILATION PROTECTION: NOT APPLICABLE

EFFECTS OF CHRONIC EXPOSURE: NONE

EYE PROTECTION: NOT APPLICABLE

APPLICABLE GLOVE REQUIREMENT: NOT APPLICABLE

CLOTHING: NOT APPLICABLE

RESPIRATORY PROTECTION: NONE

VENTILATION REQUIREMENT: NONE

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### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE: DARK POWDER

ODOR: ODORLESS

DISPERSIBILITY: SLIGHTLY SOLUBLE IN WATER

BOILING POINT: NOT NOTED

BULK DENSITY: (gm per cc) NOT NOTED

SPECIFIC GRAVITY: (water = 1) NOT NOTED

PH: NOT NOTED

VOLATILES: NOT NOTED

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# HEATMAX

## INCORPORATED

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### Section 10: STABILITY AND REACTIVITY

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STABILITY: STABLE WILL NOT POLYMERIZE  
MATERIALS TO AVOID: NONE  
HAZARDOUS DECOMPOSITION: NONE KNOWN  
HAZARDOUS POLYMERIZATION: DOES NOT OCCUR

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### Section 11: TOXICOLOGICAL INFORMATION

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HEATMAX, INC. has not conducted toxicity studies on this product and limited data is available in current scientific literature.

However, toxicity information is available on other closely related material.

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### Section 12: ECOLOGICAL INFORMATION

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ALL NATURAL INGREDIENTS THAT WILL NOT HARM THE ENVIRONMENT

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### Section 13: DISPOSAL CONSIDERATIONS

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This product is not a "HAZARDOUS WASTE". It can be disposed of with regular garbage.

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### Section 14: TRANSPORT INFORMATION

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THIS PRODUCT IS NOT HAZARDOUS UNDER THE APPLICABLE D.O.T. REGULATIONS

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### Section 15: REGULATORY INFORMATION

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The information given and the recommendations made herein apply to our product(s) alone and not combined with other product(s). Information is based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes. **This notice must not be detached from the forgoing MSDS. If the MSDS is copied for any reason, including distribution, this notice must also be copied and accompany all redistributed MSDS. FAILURE TO DO SO MAY BE SUBJECT TO PENALTIES UNDER LAW.**

**Although the information and recommendations set forth herein (hereinafter: "information") are presented in good faith and believed to be correct as of the date hereof, HEATMAX, INC. makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving it will make their own determination as to its suitability for their purposes prior to use. In no event will HEATMAX, INC. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.**





**Telephone:** (845) 365-8200 \* **Website:** www.dynarex.com  
**Toll Free:** (888) DYNAREX \* **Website:** www.thcnet.com  
**Fax:** (845) 365-8201

## Material Safety Data Sheet

Reviewed on 4/15/13

Dtd. 2012

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Instant Cold Packs  
**Product Use:** An economical, one time use disposable product that promotes faster healing for the treatment of bruises, cuts, lacerations, sprains, minor burns, sinus & tension headaches, insect bites and toothaches.  
**Product Codes:** 4511-4512-4515  
**Responsible Party:** Dynarex Corporation  
10 Glenshaw Street  
Orangeburg, NY 10962  
**Emergency or Information Phone No.:** (888)-DYNAREX or 845-365-8200 (Mon – Fri).  
At other times, contact the local Poison Control Center.

### EMERGENCY OVERVIEW

#### Emergency Telephone Numbers:

Local Emergency Center

**Health Hazards:** Dry chemical of cold pack is an eye and skin irritant. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

**Physical Hazards:** Dry chemical is an oxidizer. Oxidizers can support combustion. Contact may increase flammability of other materials. Avoid contact with clothing and other combustible material.

- Physical Form: Solid/Liquid
- Appearance: White solid in water bag
- Odor: None

NFPA HAZARD CLASS:      Health:            1 (Slight)  
   Flammability:    0 (Least)  
   Reactivity:        3 (High)  
   Other:              OXY (Oxidizer)



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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>HAZARDOUS COMPONENTS</u>	<u>% Weight</u>	<u>EXPOSURE GUIDELINE</u>		
		<u>Limits</u>	<u>Agency</u>	<u>Type</u>
Ammonium Nitrate CAS# 6484-52-2	40-70	Not Established		
<u>OTHER COMPONENTS</u>	<u>% Weight</u>	<u>EXPOSURE GUIDELINE</u>		
		<u>Limits</u>	<u>Agency</u>	<u>Type</u>
Water CAS# 7732-18-5	30-60	Not Established		

Note: State, local or other agencies or advisory groups may have established more stringent limits. Consult an industrial hygienist or similar professional, or you local agencies, for further information.

## 3. HAZARDS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS

Keep out of reach of children. (S2)

### PRIMARY ROUTE(S) OF ENTRY

Eye and Skin, if liquid escapes from sealed container.  
No hazard expected with intact product.

### EYES

Liquid content may cause irritation to the eyes; R36.  
Avoid contact with eyes; S25

### SKIN

Liquid content may be irritating to skin; R38.

### INGESTION

Harmful if swallowed; R22.

### MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

In case of accidental overdose, contact a Physician or Poison Control Center.

## 4. FIRST AID MEASURES

**Eye:** Move victim away from exposure and into fresh air. If irritation or redness develops, flush eyes with clean water and seek immediate medical attention. For direct contact, immediately hold eyelids apart and flush the affected eye(s) with clean water for at least 15 minutes. Seek medical attention.

**Skin:** Remove contaminated shoes and clothing, and flush affected area(s) with large amounts of water. If skin surface is damaged, apply a clean dressing and seek medical attention. If skin surface is not damaged, cleanse affected area(s) thoroughly by washing with mild soap or water. If irritation or redness develops, seek medical attention.



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**Inhalation (Breathing):** If respiratory symptoms or other symptoms of exposure develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

**Ingestion (Swallowing):** If swallowed, seek emergency medical attention. If victim is drowsy or unconscious and vomiting, place on left side with the head down and do not give anything by mouth. If victim is conscious and alert and ingestion occurred within the last hour, vomiting should be induced for ingestion of large amounts (more than 5 ounces in an adult) under direction from a physician or poison center. If possible, do not leave victim unattended and observe closely for adequacy of breathing.

**Note to Physicians:** Nitrates in large doses may cause significant vasodilation and hypotension. Pre-existing ischemic heart disease may be aggravated by these effects. In large ingestions nitrates may cause methemoglobinemia. Methemoglobinemia should be suspected if cyanosis occurs. Methylene blue (1-2 mg/kg I.V. over several minutes) is an effective antidote for symptomatic methemoglobinemia.

## 5. FIRE FIGHTING MEASURES

**Flammable Properties:** Flash Point: **None**  
OSHA Flammability Class: **Not applicable**  
LEL/UEL: **No data**  
Autoignition Temperature: **No data**

**Unusual Fire & Explosion Hazards:** Oxidizer. The dry chemical of this material is an oxidizer and may increase inflammability of any combustible substance. It is the nature of oxidizers to provide their own oxygen source; smothering a fire may be ineffective. Nitrate salts support combustion under certain conditions. Ammonium nitrate is capable of detonation if heated under confinement or if subjected to strong shocks. Organic or other easily oxidizable matter can sensitize it to a more readily explodable state. Do not allow product to evaporate to dryness, especially in contact with combustible materials.

**Extinguishing Media:** Use water only. Do not use dry chemical, carbon dioxide or foam.

**Fire Fighting Instructions:** For fires beyond the incipient stage, emergency responders in the immediate hazard area should wear bunker gear. When the potential chemical hazard is unknown, in enclosed or confined spaces, or when explicitly required by DOT, a self-contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8). Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Move undamaged containers from immediate hazard area if it can be done with minimal risk. Water spray may be useful in minimizing or dispersing vapors. Cool equipment exposed to fire with water, if it can be done with minimal risk.

## 6. ACCIDENTAL RELEASE MEASURES

The dry chemical of this material is an oxidizer. Keep all sources of ignition and hot metal surfaces away from spill/release. The use of explosion-proof equipment is recommended.

Stay upwind and away from spill/release. Notify person down wind of spill/release, isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Wear appropriate protective



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equipment including respiratory protection as conditions warrant (see Section 8). Prevent spilled material from entering sewers, storm drains, other unauthorized treatment drainage systems, and natural waterways. Dike far ahead of spill for later recovery or disposal. Spilled material may be absorbed into an appropriate absorbent material. Notify appropriate federal, state, and local agencies. Immediate cleanup of any spill is recommended.

## 7. HANDLING AND STORAGE

**Handling:** Do not enter confined spaces such as tanks or pits without following proper entry procedures such as ASTM D-4276 and 29CFR 1910.146. The use of appropriate respiratory protection is advised when concentrations exceed any established exposure limits (see Section 2 and 8). Wash thoroughly after handling. Do not wear contaminated clothing or shoes. Use good personal hygiene practice.

“Empty” containers retain residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury or death. Container should be disposed in an environmentally safe manner and in accordance with governmental regulations.

Before working on or in tanks which contain or have contained this material, refer to OSHA Regulations, ANSI Z49.1 and other governmental and industrial references pertaining to cleaning, welding, or other contemplated operations.

**Storage:** Use and store this material in cool, dry, well-ventilated areas away from heat and all sources of ignition. Post area “No Smoking or Open Flame.” Solution is corrosive to copper, copper alloys, lead, and zinc. Store to avoid contact with incompatible materials such as ordinary combustibles, flammable liquids, greases, and those materials, including other oxidizers, that could react with the oxidizer or catalyze its decomposition (see Section 10). Prohibit accumulation of combustible waste in storage areas. Combustible construction materials that may be in contact with oxidizers shall be protected with a compatible coating to prevent impregnation of the combustible materials by the oxidizers. Protect container(s) against physical damage.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering controls:** If current ventilation practices are not adequate to minimize exposure, additional ventilation or exhaust systems may be required.

### Personal Protective Equipment (PPE):

**Respiratory:** A NIOSH/MSHA approved air purifying respirator with a N95 filter may be used under conditions where airborne concentrations are expected to exceed exposure limits (see Section 2). Protection provided by air purifying respirators is limited (see manufacturer’s respirator selection guide). Use a positive pressure air supplied respirator if there is potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA’s 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator’s use.

**Skin:** The use of gloves impermeable to the specific material handled is advised to prevent skin contact, possible irritation, absorption, and skin damage (see glove manufacturer literature for information on permeability). Depending on conditions of use, apron and/or arm covers may be necessary.



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**Eye/Face:** Approved eye protection to safeguard against potential eye contact, irritation, or injury is recommended. Depending on conditions of use, a face shield may be necessary.

**Other Protective Equipment:** A source of clean water should be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm).

Flash Point: **None**  
Flammable/Explosive Limits (%): LEL/UEL: **No data**  
Autoignition Temperature: **No data**  
Appearance: **White solid in water bag**  
Physical State: **solid/Liquid**  
Odor: **None**  
pH: **No data**  
Vapor Pressure (mm Hg): **No data**  
Boiling Point: **No data**  
Freezing/Melting Point: **No data**  
Solubility in Water: **100%**  
Specific Gravity: **approx 1.3**  
Evaporation Rate (nBuAc=1): **No data**

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions of storage and handling. Dry chemical is an oxidizer and may promote combustion in other materials.

**Conditions To Avoid:** This material may be an oxidizer. Do not heat above 250°F. Do not let dry chemical or solution dry or crystallize in contact with organic, reactive, or combustible materials (see Sections 7).

**Incompatible Materials:** Avoid contact with reactive, combustible, or organic materials, such as wood, grain, organic chemicals, acids, corrosive liquids, sulfur, flammable liquids, chlorates, permanganates, finely divided materials, charcoal, coke, cork, or sawdust. Avoid contact with other oxidizers. Contact with alkaline materials may liberate ammonia.

**Hazardous Decomposition Products:** Material will not burn, but if involved in a fire, oxides of nitrogen may be generated. Exposure to heat may liberate ammonia fumes.

**Hazardous Polymerization:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

No definitive information available on carcinogenicity, mutagenicity, target organs or developmental toxicity.



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**12. DISPOSAL CONSIDERATIONS**

This material, if discarded as produced, may be a RCRA "characteristic" hazardous waste due to the characteristic(s) of ignitability (D001). If the material is spilled to soil or water, characteristic testing of the contaminated materials is recommended. To assure proper disposal, consult with state and local regulations and disposal authorities.

**13. TRANSPORT INFORMATION**

PROPER SHIPPING NAME: DOT CONSUMER COMMODITY  
 CLASS/DIVISION: ORM-D  
 PACKING GROUP: Not Applicable  
 LABELS: ORM-D  
 UN/ID#: NONE

PROPER SHIPPING NAME: IATA AMMONIUM NITRATE  
 CLASS DIVISION: 5.1  
 PACKING GROUP: III  
 LABELS: OXIDIZER  
 UN/ID#: UN1942

PROPER SHIPPING NAME: IMO AMMONIUM NITRATE, LIMITED QUANTITY  
 CLASS/DIVISION: 5.1  
 PACKING GROUP: III  
 LABELS: Not required, however, the words "LIMITED QUANTITY" should be marked on the unitized package.  
 UN/ID#: UN1942

**14. REGULATORY INFORMATION**

This material contains the following chemicals subject to the reporting requirements of **SARA 313** and 40 CFR 372.

COMPONENT	CAS NUMBER
Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing)	7446-41-7
Water dissociable nitrate compounds	None

**Warning:** This material contains the following chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm, and are subject to the requirements of **California Proposition 65** (CA Health & Safety Code Section 25249.5)

--None Known--

This material has not been identified as a carcinogen by NTP, IARC, or OSHA.

**EPA (CERCLA) Reportable Quantity:** --None--



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#### 15. DOCUMENTARY INFORMATION

Product Code: Various Private Label

#### 16. DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and Dynarex Corp. assumes no legal responsibility or liability resulting from its use. This MSDS has been compiled in accordance with - EC Directive 91/155/EC - OSHA's Hazcom Standard (29 CFR 1910.1200). Use product for intended purpose only, within its expiration date.



Fluorescent material

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## 1. Identification

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### (a) Product identifier

Product name: Fluorescent material

### (b) Other means of identification

Product description: GLOW STICK, GLOW BRACELET, GLOW NECKLACE, GLOW CUP, GLOW WAND WITH ASST COLORS  
RED/GREEN/BLUE/YELLOW/PINK/ORANGE/PURPLE/WHITE/A  
QUA

### (c) Recommended use of the chemical and restrictions on use

Recommended use: Used in decoration.

Restriction on use: No information available.

### (d) Details of the supplier of the product

Company name Xiamen Long Afterglow Co.,Ltd  
Address: NO.1043, Tong Ji Road, Tong An Area, Xiamen,Fujian Province,  
China

E-mail: Tommy@glo-noveltv.com

Telephone: +86-592-3675699

Fax: +86-592-3675400

### (e) Emergency phone number

+86-592-3675699

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## 2. Hazard(s) identification

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### (a) Classification of the chemical

This product is not classified as hazardous.

### (b) Label elements

This product is not classified as hazardous.

Pictogram(s): No pictogram is used.

Signal word: No signal word is used.

Hazard statements: No hazard statements.

Precautionary statements: No precautionary statements.

### (c) Description of any hazards not otherwise classified

No information available.

### (d) Ingredient with unknown acute toxicity

No information available.

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**Safety Data Sheet**  
**According to HCS-2012 APPENDIX D TO §1910.1200**



**Fluorescent material**

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### 3. Composition/information on ingredients

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#### (a) Mixtures information

Chemical name	CAS No.	Concentration
Dimethyl Phthalate	131-11-3	58.5%
Butyl Benzoate	136-60-7	28.5%
CPPO	75203-51-9	4.7%
Hydrogen Peroxide	7722-84-1	2.2%
H2O	7732-18-5	6.0%
Fluorescer	10075-85-1	0.1%

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### 4. First-aid measures

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#### (a) Description of first aid measures

- Inhalation: Move to fresh air in case of accidental inhalation of vapours or decomposition products. If you feel unwell, seek medical advice.
- Skin contact: Wash off with soap and plenty of water. If skin irritation persists, call a physician.
- Eye contact: Rinse with plenty of water immediately, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
- Ingestion: Rinse mouth. Do not induce vomiting. Call a physician immediately.

#### (b) Most important symptoms/effects, acute and delayed

No information available.

#### (c) Immediate medical attention and special treatment

Treat symptomatically. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

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### 5. Fire-fighting measures

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#### (a) Extinguishing media

Suitable extinguishing media: Use carbon dioxide, dry extinguishing media, water spray, water.

Unsuitable extinguishing media: No information available.

#### (b) Special hazards arising from the chemical

Combustion produces toxic or irritating gases and fumes.

#### (c) Special protective equipment and precautions for fire-fighters

Firefighters must wear fire resistant protective equipment. Wear self-contained breathing apparatus.



Fluorescent material

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**6. Accidental release measures**

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**(a) Personal precautions, protective equipment and emergency procedures**

Handle in accordance with good industrial hygiene and safety practice.

**(b) Methods and materials for containment and cleaning up**

For large amounts: Transfer product into suitable containers.

For residues: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of absorbed material in accordance with regulations

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**7. Handling and storage**

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**(a) Precautions for safe handling**

Ensure thorough ventilation of stores and work areas.

**(b) Conditions for safe storage, including any incompatibilities**

Further information on storage conditions: Containers should be stored tightly sealed in a dry place.

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**8. Exposure controls/personal protection**

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**(a) Control parameters**

Component	OSHA		NIOSH	
	PEL-TWA	PEL-STEL	REL-TWA	REL-STEL
131-11-3	5 mg/m <sup>3</sup>	Not Established	5 mg/m <sup>3</sup>	Not Established
136-60-7	Not Established	Not Established	Not Established	Not Established
75203-51-9	Not Established	Not Established	Not Established	Not Established
7722-84-1	1.4 mg/m <sup>3</sup>	Not Established	1.4 mg/m <sup>3</sup>	Not Established
7732-18-5	Not Established	Not Established	Not Established	Not Established
10075-85-1	Not Established	Not Established	Not Established	Not Established

**(b) Appropriate engineering controls**

Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

**(c) Personal protective equipment**

Respiratory protection: The following respirators and maximum use concentrations are drawn from NIOSH and/or OSHA.  
50 mg/m<sup>3</sup>  
Any air-purifying full-facepiece respirator equipped with an N95, R95, or P95 filter. The following filters may also be used: N99, R99, P99, N100, R100 or P100.  
125 mg/m<sup>3</sup>

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Fluorescent material

Any supplied-air respirator operated in a continuous-flow mode.

Any powered, air-purifying respirator with a high-efficiency particulate filter.

250 mg/m<sup>3</sup>

Any air-purifying, full-facepiece respirator equipped with an N100, R100, or P100 filter.

Any self-contained breathing apparatus with a full facepiece.

Any supplied-air respirator with a full facepiece.

2000 mg/m<sup>3</sup>

Any supplied-air respirator with a full facepiece that is operated in a pressure-demand or other positive-pressure mode.

Emergency or planned entry into unknown concentrations or IDLH conditions

Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode.

Any supplied-air respirator with a full facepiece that is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive-pressure mode.

Escape

Any air-purifying, full-facepiece respirator equipped with an N100, R100, or P100 filter.

Any appropriate escape-type, self-contained breathing apparatus.

Hand protection:

Wear appropriate chemical resistant gloves.

Eye/face protection:

Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin/body protection:

Wear appropriate chemical resistant clothing.

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## 9. Physical and chemical properties

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<b>(a) Appearance</b>	Liquid
<b>(b) Odor</b>	Not available.
<b>(c) Odor threshold</b>	Not available.
<b>(d) pH</b>	Not available.
<b>(e) Melting point/freezing point</b>	Not available.
<b>(f) Initial boiling point and boiling range</b>	Not available.

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**Fluorescent material**

<b>(g) Flash point</b>	>200°F (93.3°C) Closed Cup
<b>(h) Evaporation rate</b>	Not available.
<b>(i) Flammability</b>	No
<b>(j) Upper/lower flammability or explosive limits</b>	Not available.
<b>(k) Vapor pressure</b>	Not available.
<b>(l) Vapor density</b>	Not available.
<b>(m) Relative density</b>	Not available.
<b>(n) Solubility(ies)</b>	Not available.
<b>(o) Partition coefficient: n-octanol/water</b>	Not available.
<b>(p) Auto-ignition temperature</b>	Not available.
<b>(q) Decomposition temperature</b>	Not available.
<b>(r) Viscosity</b>	Not available.

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## 10. Stability and reactivity

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### (a) Reactivity

Stable under recommended storage and handling conditions (see section 7, handling and storage).

### (b) Chemical stability

Stable under normal conditions.

### (c) Possibility of hazardous reactions

Will not polymerize.

### (d) Conditions to avoid

Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

### (e) Incompatible materials

Acids, bases, oxidizing materials.

### (f) Hazardous decomposition products

Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>) and other toxic vapors.

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## 11. Toxicological information

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### (a) Information on the likely routes of exposure

Inhalation:	Not available.
Ingestion:	Not available.
Skin contact:	Not available.
Eye contact:	Redness.

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**Fluorescent material**

**(b) Information on toxicological characteristics**

<b>Acute toxicity:</b>	131-11-3	Oral LD50 Rat 6800 mg/kg (Source: IUCLID)
	136-60-7	No data available.
	75203-51-9	No data available.
	7722-84-1	Oral LD50 Rat 801 mg/kg (Source: IUCLID) Dermal LD50 Rat 4060 mg/kg (Source: IUCLID); Dermal LD50 Rabbit 2000 mg/kg (Source: IUCLID) Inhalation LC50 Rat 2 g/m <sup>3</sup> 4 h (Source: IUCLID)
	10075-85-1	No data available.
<b>Skin corrosion/irritation:</b>		No data available.
<b>Serious eye damage/irritation:</b>		No data available.
<b>Respiratory sensitization:</b>		No data available.
<b>skin sensitization:</b>		No data available.
<b>Carcinogenicity:</b>		Not listed by IARC and NTP.
<b>Germ Cell Mutagenicity:</b>		No data available.
<b>Reproductive Toxicity:</b>		No data available.
<b>STOT-Single Exposure:</b>		No data available.
<b>STOT-Repeated Exposure:</b>		No data available.
<b>Aspiration Hazard:</b>		No data available.

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**12. Ecological information**

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**(a) Ecotoxicity**

131-11-3	Freshwater Fish: 96 Hr LC50 Pimephales promelas: 39 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 49.5 mg/L; 96 Hr LC50 Lepomis macrochirus: 37 - 69 mg/L [static]; 96 Hr LC50 Pimephales promelas: 121 mg/L [static]; 96 Hr LC50 Leuciscus idus: 100 - 220 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 56 mg/L [flow-through] Water Flea: 48 Hr EC50 Daphnia magna: 33 mg/L Freshwater Algae: 96 Hr EC50 Pseudokirchneriella subcapitata: 20.6 - 45.8 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata:
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**Fluorescent material**

	28.4 - 71 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata: 142 mg/L [static]; 96 Hr EC50 Skeletonema costatum: 26.1 mg/L; 72 Hr EC50 Desmodesmus subspicatus: 204 mg/L
136-60-7	No data available.
75203-51-9	No data available.
7722-84-1	Freshwater Fish: 96 Hr LC50 Pimephales promelas: 16.4 mg/L; 96 Hr LC50 Lepomis macrochirus: 18 - 56 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 10.0 - 32.0 mg/L [static] Water Flea: 24 Hr EC50 Daphnia magna: 7.7 mg/L; 48 Hr EC50 Daphnia magna: 18 - 32 mg/L [Static] Freshwater Algae: 72 Hr EC50 Chlorella vulgaris: 2.5 mg/L
10075-85-1	No data available.

**(b) Persistence and Degradability**

Based on best current information, there is no data known associated with this product.

**(c) Bioaccumulative potential**

Based on best current information, there is no data known associated with this product.

**(d) Mobility in soil**

Based on best current information, there is no data known associated with this product.

**(e) Other adverse effects**

No information available.

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**13. Disposal considerations**

**(a) Safe handling and methods of disposal**

Subject to disposal regulations: U.S. EPA 40 CFR 262. Hazardous Waste Number(s): U102. Dispose in accordance with all applicable regulations.

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**14. Transport information**

<b>(a) UN number</b>	Not regulated as dangerous goods.
<b>(b) UN Proper shipping name</b>	Not regulated as dangerous goods.
<b>(c) Transport hazard class(es)</b>	Not regulated as dangerous goods.
<b>(d) Packing group (if applicable)</b>	Not regulated as dangerous goods.
<b>(e) Marine pollutant (Yes/No)</b>	No
<b>(f) Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)</b>	No information available.
<b>(g) Special precautions</b>	No information available.

**Safety Data Sheet**  
**According to HCS-2012 APPENDIX D TO §1910.1200**



**Fluorescent material**

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**15. Regulatory information**

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**(a) Safety, health and environmental regulations specific for the product in question**

<b>CAS No.</b>	<b>USA TSCA</b>	<b>EU EINECS</b>	<b>Korea ECL</b>	<b>China IECSC</b>	<b>Canada DSL</b>
131-11-3	Listed	Listed	Listed	Listed	Listed
136-60-7	Listed	Listed	Listed	Listed	Listed
75203-51-9	Not listed	Listed	Listed	Not listed	Not listed
7722-84-1	Listed	Listed	Listed	Listed	Listed
7732-18-5	Listed	Listed	Listed	Listed	Listed
10075-85-1	Listed	Listed	Listed	Not listed	NDSL

Remark: The above-mentioned search results are based on the Non-Confidential Inventory.

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**16. Other information, including date of preparation or last revision**

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**(a) Preparation and revision information**

Date of previous revision: Not applicable. Date of this revision: 23/12/2013  
Revision summary: The first New SDS

**(b) Abbreviations and acronyms**

NIOSH	The National Institute for Occupational Safety and Health
OSHA	The United States Occupational Safety and Health Administration
TWA	time-weighted average
STEL	Short term exposure limit
TSCA	Toxic Substances Control Act, The American chemical inventory
DSL	Domestic Substances List
EINECS	European Inventory of Existing Commercial chemical Substances
ECL	Existing Chemicals List, the Korean chemical inventory
IECSC	Inventory of existing chemical substances in China
IARC	International agency for research on cancer
NTP	National Toxicology Program

**(c) Disclaimer**

The information in this SDS is provided all the relevant data fully and truly. However, the information is provided without any warranty on their absolute extensiveness and accuracy. This SDS was prepared to provide safety preventive measures for the users who have got professional training. The personal user who obtained this SDS should make independent judgment for the applicability of this SDS under special conditions. In these special cases, we do not assume responsibility for the damage.

----- End of the SDS -----



**Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Jiangsu TÜV Product Service Ltd. Guangzhou Branch  
TÜV SÜD Group**

Engineer: Echo He  
Echo He



Technical Report checked:

Kevin Zhang  
Kevin Zhang





**MATERIAL SAFETY DATA SHEET**  
**January, 2009**

TOWELETTE, PRE-MOISTENED, LEMON-SCENTED

---

**Section I: Identification**

Identity (As used on Label and List):

**MOIST TOWELETTE WITH LEMON FRAGRANCE**

Ingredients: 98.8% water  
                  1% lemon fragrance  
                  .2% soap

Physical Description: A pre-moistened towelette made with virgin paper, individually packaged in a moisture-proof pouch.

Manufacturer's Name:  
**SANFACON VIRGINIA, INC.**

Address:  
**PO Box 600**  
**18097 US Hwy 501**  
**Brookneal, VA 24528**

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**Section II: Hazardous Ingredients**

Hazardous components: N/A

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...2

**Section III: Physical/Chemical Characteristics**

Boiling Point: N/A                      Specific Gravity: +/- 1.0  
Vapour Pressure: N/A                      Melting Point: N/A  
Vapour Density: N/A                      Evaporation Rate: N/A

Solubility in Water: Complete  
Appearance and Colour: Clear liquid with lemon scent

-----

**Section IV: Fire and Explosion Hazard Data**

Flash Point: N/A                      Flammable Limits: N/A  
Extinguishing Media: N/A

Special Fire Fighting Procedures: NONE  
Unusual Fire & Explosion Hazards: NONE

-----

**Section V: Health Hazard Data**

Routes of Entry: Inhalation: N/A  
Skin: Topically applied  
Ingestion: N/A

Health Hazards: N/A  
Carcinogenicity: N/A

Information/Emergency: Monday through Friday, 8 a.m. to 5 p.m., (800) 463-5591  
or contact the local Poison Control Centre.

Caution: If accidentally splashed in eyes, rinse thoroughly with cold water; may  
cause discomfort. No need for first aid if swallowed or inhaled.

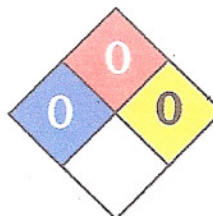
Signs and Symptoms of Exposure:  
**SAFE AS A TOPICAL SKIN CLEANSER**

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...3

**Disclaimer:**

Sanfacon acknowledges that the information contained herein is assumed accurate and complete, and illustrates the product to the best of their knowledge. No warranty, expressed or implied, is made and Sanfacon assumes no legal responsibility or liability resulting from its use.



Health	0
Fire	0
Reactivity	0
Personal Protection	A

## Material Safety Data Sheet Water, Purified MSDS

### Section 1: Chemical Product and Company Identification

**Product Name:** Water, Purified

**Catalog Codes:** 80002

**CAS#:** 7732-18-5

**RTECS:** ZC0110000

**TSCA:** TSCA 8(b) inventory: Water

**CI#:** Not available.

**Synonym:** Dihydrogen oxide

**Chemical Name:** Water

**Chemical Formula:** H<sub>2</sub>O

**Contact Information:**

**Aqua Blox LLC**  
2253 Vista Parkway  
Suite 12  
West Palm Beach, FL 33411

Toll Free: **1-866-500-2782**

Web Site: [www.aquablox.com](http://www.aquablox.com)

**CHEMTREC (24HR Emergency Telephone), call:**  
1-800-424-9300

**International CHEMTREC, call:** 1-703-527-3887

**For non-emergency assistance, call:** 1-561-687-7565

### Section 2: Composition and Information on Ingredients

**Composition:**

Name	CAS #	% by Weight
Water	7732-18-5	100

**Toxicological Data on Ingredients:** Not applicable.

### Section 3: Hazards Identification

**Potential Acute Health Effects:**

Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-irritating to the eyes. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs. Non-corrosive to the eyes. Non-corrosive for lungs.

**Potential Chronic Health Effects:**

Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-irritating to the eyes. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs.

Non-sensitizer for lungs.

**CARCINOGENIC EFFECTS:** Not available.

**MUTAGENIC EFFECTS:** Not available.

**TERATOGENIC EFFECTS:** Not available.

**DEVELOPMENTAL TOXICITY:** Not available.

#### Section 4: First Aid Measures

**Eye Contact:** Not applicable.

**Skin Contact:** Not applicable.

**Serious Skin Contact:** Not available.

**Inhalation:** Not applicable.

**Serious Inhalation:** Not available.

**Ingestion:** Not Applicable

**Serious Ingestion:** Not available.

#### Section 5: Fire and Explosion Data

**Flammability of the Product:** Non-flammable.

**Auto-Ignition Temperature:** Not applicable.

**Flash Points:** Not applicable.

**Flammable Limits:** Not applicable.

**Products of Combustion:** Not available.

**Fire Hazards in Presence of Various Substances:** Not applicable.

**Explosion Hazards in Presence of Various Substances:** Not Applicable

**Fire Fighting Media and Instructions:** Not applicable.

**Special Remarks on Fire Hazards:** Not available.

**Special Remarks on Explosion Hazards:** Not available.

#### Section 6: Accidental Release Measures

**Small Spill:** Mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

**Large Spill:** Absorb with an inert material and put the spilled material in an appropriate waste disposal.

#### Section 7: Handling and Storage

**Precautions:** No specific safety phrase has been found applicable for this product.

**Storage:** Not applicable.

#### Section 8: Exposure Controls/Personal Protection

**Engineering Controls:** Not Applicable

**Personal Protection:** Safety glasses. Lab coat.

**Personal Protection in Case of a Large Spill:** Not Applicable

**Exposure Limits:** Not available.

### Section 9: Physical and Chemical Properties

**Physical state and appearance:** Liquid.

**Odor:** Odorless.

**Taste:** Not available.

**Molecular Weight:** 18.02 g/mole

**Color:** Colorless.

**pH (1% soln/water):** 7 [Neutral.]

**Boiling Point:** 100°C (212°F)

**Melting Point:** Not available.

**Critical Temperature:** Not available.

**Specific Gravity:** 1 (Water = 1)

**Vapor Pressure:** 2.3 kPa (@ 20°C)

**Vapor Density:** 0.62 (Air = 1)

**Volatility:** Not available.

**Odor Threshold:** Not available.

**Water/Oil Dist. Coeff.:** Not available.

**Ionicity (in Water):** Not available.

**Dispersion Properties:** Not applicable

**Solubility:** Not Applicable

### Section 10: Stability and Reactivity Data

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions of Instability:** Not available.

**Incompatibility with various substances:** Not available.

**Corrosivity:** Not available.

**Special Remarks on Reactivity:** Not available.

**Special Remarks on Corrosivity:** Not available.

**Polymerization:** Will not occur.

### Section 11: Toxicological Information

**Routes of Entry:** Absorbed through skin. Eye contact.

**Toxicity to Animals:**

LD50: [Rat] - Route: oral; Dose: > 90 ml/kg

LC50: Not available.

**Chronic Effects on Humans:** Not available.

**Other Toxic Effects on Humans:**

Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs. Non-corrosive to the eyes. Non-corrosive for lungs.

**Special Remarks on Toxicity to Animals:** Not available.

**Special Remarks on Chronic Effects on Humans:** Not available.

**Special Remarks on other Toxic Effects on Humans:** Not available.

### Section 12: Ecological Information

**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

**Products of Biodegradation:**

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

**Special Remarks on the Products of Biodegradation:** Not available.

### Section 13: Disposal Considerations

**Waste Disposal:**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### Section 14: Transport Information

**DOT Classification:** Not a DOT controlled material (United States).

**Identification:** Not applicable.

**Special Provisions for Transport:** Not applicable.

### Section 15: Other Regulatory Information

**Federal and State Regulations:** TSCA 8(b) inventory: Water

**Other Regulations:** EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

**Other Classifications:**

**WHMIS (Canada):** Not controlled under WHMIS (Canada).

**DSCL (EEC):**

This product is not classified according to the EU regulations.  
Not applicable.

**HMIS (U.S.A.):**

**Health Hazard:** 0

**Fire Hazard:** 0

**Reactivity:** 0

**Personal Protection:** a

**National Fire Protection Association (U.S.A.):**

**Health:** 0

**Flammability:** 0

**Reactivity:** 0

**Specific hazard:**

**Protective Equipment:**

Not applicable.  
Lab coat.  
Not applicable.  
Safety glasses.

**Section 16: Other Information**

**References:** Not available.

**Other Special Considerations:** Not available.

**Created:** 10/09/2005 06:14 PM

**Last Updated:** 11/06/2008 12:00 PM





Telephone: (845) 365-8200 \* Website: www.dynarex.com  
 Toll Free: (888) DYNAREX \* Website: www.thcnet.com  
 Fax: (845) 365-8201

Reorder # 1408

Reviewed on 4/11/13

## Material Safety Data Sheet

### SECTION 1. Product and Company Identification

**Product/Trade Name:** Sting & Bite Pad  
**Manufacturer's Name:** Dynarex Corporation  
**Manufacturer's Address:** 10 Glenshaw Street  
 Orangeburg, NY 10941  
**Emergency or Information Phone No.:** 888-DYNAREX or 845-365-8201  
 At other times, contact the local Poison Control Center

### SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS (Specific Chemical Identity: Common Names)	CAS #'s	%	Weight/pad	Potential Health Effects
Isopropyl alcohol	67-63-0	70 (v/v)	0.4±0.05g	Skin contact, Eye contact
Benzocaine	94-09-7	6 (w/v)	0.034±0.03g	Skin contact, Eye contact

### SECTION 3 - HAZARDS IDENTIFICATION (Potential Health Effects)

<b>EYE:</b>	Irritating, and will injure eye tissue if not removed promptly.
<b>SKIN:</b>	·Low order of toxicity ·Frequent or prolonged contact may result in defatting and dry skin, leading to discomfort and dermatitis .
<b>INHALATION (BREATHING):</b>	Vapor concentrations above recommended exposure levels may be irritating to the eyes and the respiratory tract, may cause headaches and dizziness, could be anesthetic and may have other central nervous system effects
<b>INGESTION (SWALLOWING):</b>	Small amount of liquid aspirated into the respiratory system during ingestion or from vomiting may cause man pneumonia or pulmonary edema.
<b>SIGNS AND SYMPTOMS:</b>	Take by mouth may cause nausea, vomiting, stomach pains, diarrhea, coma or death
<b>CANCER:</b>	N/A
<b>TARGET ORGANS:</b>	N/A
<b>DEVELOPMENTAL:</b>	N/A
<b>OTHER COMMENTS:</b>	N/A
<b>PRE-EXISTING MEDICAL CONDITIONS:</b>	N/A

### SECTION 4 - FIRST AID MEASURES

<b>Eyes:</b>	Immediately flush eyes with large amount of water for at least 15 minutes. Get prompt medium attention.
<b>SKIN:</b>	·Once contact with the wound, wash immediately with plenty of water
<b>INHALATION (BREATHING):</b>	·N/A



Telephone: (845) 365-8200 \* Website: www.dynarex.com  
 Toll Free: (888) DYNAREX \* Website: www.thcnet.com  
 Fax: (845) 365-8201

<b>INGESTION (SWALLOWING):</b>	·If swallowed, induce vomiting. Have rest. Get prompt medical attention.
<b>NOTE TO PHYSICIANS:</b>	·Keep victim warm and quiet.
<b>Protection of First-aiders</b>	·Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

**SECTION 5 - FIREFIGHTING MEASURES**

<b>FLAMMABLE PROPERTIES:</b>	Flash Point: 12 degree Celsius OSHA Flammability Class: 3 LEL/UEL: 2.0/12.7(vol%) Auto ignition Temperature: 399 degree Celsius
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	N/A
<b>EXTINGUISHING MEDIA:</b>	Water spray, foam dry chemical or carbon dioxide
<b>FIREFIGHTING INSTRUCTIONS:</b>	·Use water spray to cool fire exposed surfaces and to protect personnel. Shut off fuel" to fire. If a leak or spill has not ignited, use water spray to disperse the vapors and to protect men inside the environment. ·Either allow fire to burn under controlled conditions or extinguish with alcohol type foam or dry chemicals. Try to cover liquid spills with foam. ·Spill fires may be extinguished by covering with large amounts of water.

**SECTION 6- ACCIDENTAL RELEASE MEASURES**

<b>IF SPILLED/RELEASED:</b>	·Eliminate sources of ignition.
-----------------------------	---------------------------------

**SECTION 7- HANDLING AND STORAGE**

<b>HANDLING &amp; STORAGE:</b>	·Keep container closed. Handle containers with care. Store in a cool, well-ventilated place away from incompatible materials. ·Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. ·This material is not a static accumulator but use proper bonding and/or grounding procedures. ·Do not add pressure, cut, heat, or weld containers. Empty product containers may contain product residue. ·Do not reuse empty containers without commercial cleaning or reconditioning.
--------------------------------	--

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>ENGINEERING CONTROLS:</b>	The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, or heated above ambient temperatures or otherwise to maintain ambient concentration below the recommended threshold exposure limited. Use explosion-proof ventilation equipment.
<b>RESPIRATORY PROTECTION:</b>	Where concentrations in air may exceed the limits given in this section, it is recommended to use a half face filter mask to protect from overexposure by inhalation. Suitable filter material depends on the amount and type of chemicals being handled in the workplace, but filter material of type "A" or similar may be considered for use.
<b>SKIN PROTECTION:</b>	Protect the wound position when using this product.
<b>EYE/FACE PROTECTION:</b>	When handling this product, it is recommended to wear splash resistant goggles.
<b>OTHER PROTECTIVE EQUIPMENT:</b>	No smoking, keep good health habits

**SECTION 9 - PHYSICAL / CHEMICAL PROPERTIES**



**Telephone:** (845) 365-8200 \* **Website:** www.dynarex.com  
**Toll Free:** (888) DYNAREX \* **Website:** www.thcnet.com  
**Fax:** (845) 365-8201

<b>Note: Unless otherwise stated, values are determined at 20 degrees Celsius (68 degrees Fahrenheit) and 760 mm Hg (1 atm)</b>	
<b>FLASH POINT:</b>	12 degree Celsius
<b>FLAMMABLE/EXPLOSIVE LIMITS (%):</b>	LEL/UEL: 2.0/12.7 vol %
<b>AUTO IGNITION TEMPERATURE:</b>	399 degree Celsius
<b>APPEARANCE:</b>	Clear transparent
<b>PHYSICAL STATE:</b>	Liquid
<b>ODOR:</b>	Alcohol odor
<b>pH:</b>	Not available
<b>VAPOR PRESSURE (mm Hg):</b>	33 mmHg
<b>BOILING POINT:</b>	80.3 Between 82 and 83 degree Celsius
<b>FREEZING/MELTING POINT:</b>	-88.5 degree Celsius
<b>SOLUBILITY IN WATER:</b>	100 wt%
<b>SPECIFIC GRAVITY:</b>	0.785
<b>EVAPORATION RATE (nBuAc=1):</b>	2.5
<b>SECTION 10 - STABILITY &amp; REACTIVITY</b>	
<b>CHEMICAL STABILITY:</b>	Stable
<b>CONDITIONS TO AVOID:</b>	N/A
<b>INCOMPATIBLE MATERIALS:</b>	Strong Oxidizing agents, acids, acid anhydride, halogen
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	N/A
<b>HAZARDOUS POLYMERIZATION:</b>	N/A
<b>SECTION 11 - TOXICOLOGICAL INFORMATION</b>	
Oral (rat) LD50: 5045 mg/kg      Skin (rabbit): 12800 mg/kg	
<b>SECTION 12 – ECOLOGICAL INFORMATION</b>	
<b>ENVIRONMENTAL MOBILITY</b> · This product is water soluble and is expected to remain primarily in water. <b>ENVIRONMENTAL DEGRADABILITY</b> · This product biodegrades rapidly and is "readily" biodegradable according to OECD guidelines. · This substance is expected to be removed in a waste water treatment facility. <b>ECOTOXICITY AND BIOACCUMULATION</b> · Low acute toxicity to aquatic organisms is expected.	
<b>SECTION 13 - DISPOSABLE CONSIDERATIONS</b>	
The following advice only applies to the product as supplied. Combination with other material may well indicate another route or disposal. If not sure, contact the local Authorities. Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should in any case be taken to ensure compliance with national and local regulations.  This product is NOT suitable for disposal by either landfill or via municipal drainage system, natural streams or rivers. This product is ash-less and can be burned directly in appropriate equipment.	
<b>SECTION 14 - TRANSPORT INFORMATION</b>	
Dangerous goods code:32064 UN code:1219 Packaging groups:052	
<b>SECTION 15 - REGULATORY INFORMATION</b>	
<b>COMPONENT</b>	



**Telephone:** (845) 365-8200 \* **Website:** www.dynarex.com  
**Toll Free:** (888) DYNAREX \* **Website:** www.thcnet.com  
**Fax:** (845) 365-8201

GOVERNING DIRECTIVE:	Dangerous Substances Directive 67/548/EC,as modified.
<p>Warning: S07/09 Keep container tightly closed and in a well ventilated place            S16 Keep away from sources of ignition-No Smoking            S24/25 Avoid contact with wound and eyes .            S26 In case of contact with eyes, flush immediately with plenty of water and seek medical advice            S33 Take precautionary measures against static discharges            S43B In case of fire, use sand, earth, chemical powder or alcohol type foam</p>	

**SECTION 16. Other Information**

**Disclaimer:**

The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and Dynarex Corp. assumes no legal responsibility or liability resulting from its use. This MSDS has been compiled in accordance with - EC Directive 91/155/EC - OSHA's Hazcom Standard (29 CFR 1910.1200)

Date Prepared: March 2011

# MATERIAL SAFETY DATA SHEET

Paramold Manufacturing, LTD  
90 Bourne Boulevard  
Sayville, NY 11782  
Telephone: (631) 589-5454  
Fax: (631) 589-1232  
Web Site: www.paramold.com  
email: paramold@optonline.net

## SECTION I - IDENTIFICATION

Name: 130 FRP  
Item #: 800-130  
Chemical Name: Clay treated paraffin wax  
Formula: Complex mixture of petroleum hydrocarbons  
Synonyms: Fully refined paraffin wax  
Chemical Family: Paraffin wax  
Transportation Emergency: CHEMTREC 1-800-424-9300 (US & Canada)

## SECTION II - TYPICAL COMPOSITION

Material: Fully refined paraffin wax  
% Weight: 100%  
CAS #: 8002-74-2  
OSHA PEL: None  
Other TWA: None  
ACGIH TLV: None Established  
Chemical Identity: Clay treated paraffin wax  
Emergency Overview: White waxy solid, practically odorless. Will burn in a fire

## SECTION III - POTENTIAL HEALTH EFFECTS

Primary routes of exposure: Skin contact  
Injection: This material is considered to be in the slight to non-toxic category. Low oral toxicity.  
Skin: May be irritating to the skin upon prolonged or repeated contact.  
Eye: Vapors from heated product may cause irritation  
Inhalation: Vapors from heated product may cause irritation of the nose, throat, and lung.

## SECTION IV - FIRST AID

Ingestion: If swallowed, give two glasses of water to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting. Consult a physician.  
Skin: Wash affect area thoroughly with waterless cleaner and/or soap and water. If irritation persists, consult a physician.  
Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Give oxygen if needed. Seek medical attention.  
Eyes: Flush eyes with large amounts of water for at least 15 minutes, holding eyelids open. Consult a physician if irritation persist.

## SECTION V - FIRE FIGHTING PROCEDURES

Flash Point:	>370 F
Autoignition Temperature:	N/A
Flammability Limits:	N/A
Extinguishing Media:	Carbon dioxide, dry chemical, foam, water fog.
Special Firefighting Procedures:	For small fires involving this product, no special procedures or precautions are necessary. For large fires, such as in any fire, wear self-contained breathing apparatus ( pressure demand, MSHA/NIOSH approved or equivalent) and full protective gear. Keep personnel removed from and upwind fire.

## SECTION VI - ACCIDENTAL RELEASE MATERIALS

Steps to be taken if material is released or spilled:	Clean up spills as soon as possible. If materials in a liquid state, absorb on commercially available material, such as absorbent clay. If material is in a solid state, scoop or shovel into containers for recovery or disposal.
Waste Disposal Method:	Incinerate material at a permitted facility in accordance with current suitable for disposal and bury in an approved landfill according to current local, state and federal regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.

## SECTION VII - HANDLING AND STORAGE

Precautions to be taken in Handling & Storage	This material is not hazardous under normal handling and storage conditions. Do not store near high heat or open flames.
Precautions During Use:	Avoid prolonged or repeated skin contact. Skin contact can be minimized by wearing chemically resistant gloves. Good personal hygiene is essential; hands and other exposed areas should be washed thoroughly with soap and after contact, especially before eating and/or smoking. Regular laundering of contaminated clothing will reduce indirect skin contact with this material.

## SECTION VIII - EXPOSURE CONTROLS

Ventilation:	None required under normal operating conditions. The ventilation system employed is dependant on the user's specific application of the material.
Respiratory Protection:	None required under normal operating conditions.
Protective Gloves:	Chemically resistant gloves should be should be worn to minimize skin exposures where prolonged or repeated contact can occur.
Eye Protection:	Wear safety glasses or chemical splash goggles (ANSI Z87.1 or approved equivalent) to reduce the possibility or accidental eye contact.
Other Protective Equipment:	None necessary for normal use.

## SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

Boiling Point:	N/A
API Gravity:	36 - 43
Vapor Pressure 20 C/68 F:	Nil
Solubility in water % by weight:	Nil
Melting Point:	125 - 130 F
Viscosity @ 210 F, SUS:	37 - 50
Specific Gravity:	0.81 - 0.835
Physical State:	Solid (at 70 F)
Vapor Density	N/A
Percent Volitiles by Weight:	N/A
Evaporation Rate:	N/A
Appearance and Odor:	Hard white wax, nearly odorless

## SECTION X - STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	High temperatures and open flame.
Incompatibility	
Materials to Avoid:	Strong Oxidizing Agents.
Hazardous Combustion or Decomposition Materials:	Oxides of Carbon and Nitrogen.
Hazardous Polymerization:	Will not occur.

## SECTION XI - REGULATORY INFORMATION

Workplace Classifications:	This product is considered non-hazardous under the OSHA Hazard Communication Standard. This product is not a controlled product under the Canadian Workplace Hazardous Materials Information Systems (WHMIS).
Transportation Classifications:	US Department of Transportation (DOT) Hazard Class - Nonregulated
Emergency planning and	SARA Title III Section 311.312 Categorizations (40 CFR 370)
Community Right-to Know:	This product not a hazardous chemical under 29 CFR 1910.1200, and therefore is no covered by SARA Title III of SARA
Toxic Substance Control Act:	CAS Number 8002-74-2 This product is listed on the TSCA inventory.
Comprehensive Environmental Response, Compensation & Liability Act (40 CFR 302.4):	Releases of this material to air, land or water are not reportable to the National Response Center under CERCLA/Superfund or to state and local emergency planning committees under the Superfund Amendments Reauthorization Act (SARA) Title III Section 304.
Resource Conservation & Recovery Act:	When this product becomes a waste, it is classified as a nonhazardous waste under the criteria of RCRA (40 CFR 261)