



## MSDS - Material Safety Data Sheet

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**Product Name:** Nano Penetrating Oil 11 FL OZ

**MSDS Number:** NDT11P

### **Section 1 - Basic Information:**

Manufacturer: Nano Pro MT

Contact: Andrew Hough

Address: Nano Pro MT, LLC,

Information telephone # 844-636-4600

4600 Lebanon Rd., Suite A, Charlotte, NC 28227

Emergency Contact: Chris Hunter

Country: USA United States of America

Emergency Contact #: 704-408-3641

Emergency Restrictions:

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Issue Date: 01/16/2015

Supersedes Date: 01/08/2015

### **Section 2 – Hazardous Identification:**

EMERGENCY OVERVIEW

CAUTION: HARMFUL IF SWALLOWED. EYE AND SKIN IRRITANT

OSHA Regulatory Status

Eye and skin irritant.

Contents under pressure.

Level 3 Aerosol

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This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Eyes, skin, inhalation and ingestion

Route(s) of Entry:

Potential Health Effects

None known

Health Hazards (Acute and Chronic):

None known

Signs and Symptoms:

Medical Conditions Generally Aggravated by Exposure:

None known

Other Health Warnings:

Vomiting and subsequent aspiration of the product into the lungs may lead to chemical pneumonia and pulmonary edema which is a potentially

fatal condition.

Potential Environmental Effects Not Available

**Section 3 - Composition/Information on Ingredients:**

Chemical Name	CAS No.	% Range	Trade Secret
Alkylphosphite, Alkanolamine Ester	141808-04-0	1.0 - 5.0	
Butylated hydroxytoluene (BHT)	128-37-0	1.0 - 5.0	
Calcium Alkylnaphthalenesulfonate	57855-77-3	1.0 - 5.0	
Diethylhexyl adipate	103-23-1 30.	0 - 60.0	
Mineral oil	Proprietary	1.0 - 5.0	
Synthetic Base Stock	Proprietary	30.0 - 60.0	
Zinc Alkly Dithiophosphate	68649-42-3	0.1 - 1.0	

Chemical name	Chemical composition	Chemical formula	Molecular weight
diamond	carbon	C	12

Hazardous Components: This material does not contain any hazardous substances to others.

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Emergency and First Aid Procedures:

**Eye Contact:** Flush eyes with clean water for 15 minutes while lifting eyelids. Get prompt medical attention.

**Skin Contact:** Wash skin with soap and water thoroughly. If adverse effects persist, get prompt medical attention. Remove and isolate contaminated clothing. Launder contaminated clothing before reuse. Inhalation: Move victim to fresh air. If breathing becomes difficult, get prompt medical attention.

**Ingestion:** DO NOT INDUCE VOMITING! Call Poison Control Center, physician, or hospital emergency room immediately. Aspiration of vomitus into the lungs can cause pneumonitis, which can be fatal.

***Section 5 –Fire Fighting Measures:***

**Suitable Extinguishing Media:**

Water Fog, Foam, Carbon Dioxide, Dry Chemical

**Unsuitable Extinguishing Media:**

Do not use forced water stream as this could cause the fire to spread.

**Products of Combustion:**

Carbon Dioxide, Carbon Monoxide, Hydrocarbons, Smoke and Fumes.

**Protection of Firefighters:**

Wear self-contained positive pressure breathing apparatus and protective clothes. Cool containers with a water fog. Use shield to protect from rupturing and venting containers.

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***Section 6 –Accidental Release Measures:***

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Personal Precautions:

Keep product out of sewers and watercourses.

Environmental Precautions:

Will not flow.

Methods for Containment:

Using a scoop, place contaminated material into an approved chemical waste container.

Methods for Cleanup:

Other Information:

Notify authorities if product has entered or may enter sewer, watercourses or extensive land areas.

***Section 7 –Handling and Storage:***

**Handling Precautions:**

Ventilate well, avoid breathing vapors. Keep away from heat, sparks and open flame. Slip hazard. Avoid spilling, skin and eye contact. Keepaway from children and animals. Keep lid closed when not in use.

**Storage Precautions:**

Store separate from strong acids and oxidizers. Keep away from heat, spark and open flame.

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**Section 8 –Exposure Controls/Personal Protection:**

<b>Chemical Name</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Other Limits</b>
Synthetic Base Stock	N/E	N/E	Not Available
Zinc Alkly Dithiophosphate	N/D	N/D	Not Available
Calcium Alklynaphthalenesulfonate	N/D	N/D	Not Available
Diethylhexyl adipate	N/D	N/D	Not Available
Mineral oil	N/D	N/D	5 mg/m3
Alkylphosphite, Alkanolamine Ester	N/D	N/D	N/D
Butylated hydroxytoluene (BHT)	10 mg/m3	2 mg/m3	Not Available
Diamond	Carbon	<1.0	

**Engineering Controls:**

See Section above for applicable exposure limits. Use with adequate ventilation. If TLV is exceeded, wear NIOSH approved respirator.

**Personal Protective Equipment:**

For prolonged exposure wear protective goggles, gloves, and apron.

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***Section 9 –Exposure Controls/Personal Protection:***

Solubility In Water: Insoluble	Evaporation Rate (Butyl Acetate = 1): >1
Boiling Range: N/D	Freezing Point: N/D
Boiling Point: N/D	Melting Point: N/D
Flash Point: > 250°F	Flash Point Method: Calculated
Odor Threshold: N/D	Appearance & Odor: Amber with an ester odor
Vapor Density (AIR = 1): N/D	Vapor Pressure (mm Hg.): N/D
pH Range: N/D	Partition Coefficient: N/D
Decomposition Temp: Auto-Ignition	Temp: N/D
Specific Gravity (H2O = 1): 0.90	
Other Information: VOC Content: 0%	
Lower Explosive Limit: N/D	Upper Explosive Limit: N/D

***Section 10 –Exposure Controls/Personal Protection:***

**Conditions to Avoid:**

See Incompatible Materials below.

**Incompatible Materials:**

Keep away from strong oxidizers, acids and bases.

**Hazardous Decomposition Products:**

Carbon Dioxide, Carbon Monoxide, Hydrocarbons, Smoke and Fumes.Smoke.

**Possibility of Hazardous Reactions:**

Will not occur

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**Section 11 – Toxicological Information:**

ND

**Section 12 – Ecological Information:**

ND

**Section 13 – Disposal Considerations:**

**DISPOSAL:**

This container may be recycled in a recycling center when empty. Before offering for recycling, empty the can by using the product according to the label. Do not dump into sewers, on the ground, or into any body of water. Dispose of unused product in accordance with all local, state government and federal laws and regulations.

**Section 14 – Transport Information:**

**Shipping Name:** Not Available

**DOT Hazard Class:** DOT Subsidiary Hazard Class:

**UN/NA#:** Not Available

**Packing Group:** Not Available

**Transportation Information:** Not Available

**DOT Shipping Name:** DOT regulated. This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**DOT Hazard Class:** Not Available

The DOT description is provided to assist in the proper shipping classification of this product and may not be suitable for all shipping purposes.

**CAO/IATA (US)**

Shipping Name: Aerosol      Class: 2.1      UN Number: UN1950

**ICAO/IATA (International)**

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ICAO/IATA:

Shipping Name: Aerosol      Class: 2.1      UN Number: UN1950

**IMDG:**

Shipping Name: Aerosol      Class: 2.1      UN Number: UN1950      EmS: F-D, S-U

**Section 15 – Regulatory Information:**

SARA 313 Reportable Chemicals:

Zinc Alkyl Dithiophosphate 68649-42-3

USA TSCA: All components of this material are listed on the US TSCA Inventory.

State RTK Chemicals:

Zinc Alkyl Dithiophosphate 68649-42-3

Diethylhexyl Adipate 103-23-1

Butylated Hydroxytoluene 128-37-0

**Section 16 – Other Information:**

Chemical:    Liquid     Gas     Solid

Chemical Type:    Pure     Mixture

Hazard Category:    Acute     Chronic     Fire

                          Pressure     Reactive

**Additional Manufacturer Warnings:**



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Do not used in confined area without proper ventilation. Contact lenses may cause further damage in case of splash into eye.

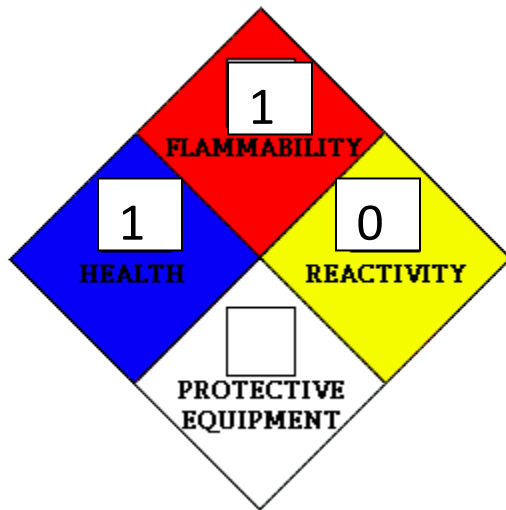
KEEP AWAY FROM CHILDREN AND ANIMALS!

N/E: Not Established

N/D: Not Determined

N/A: Not Applicable

N/AV: Not Available



Health	1
Flammability	1
Physical Hazard	0
Person Protection	B

**Additional Product Information:**

While Nano Pro MT believes this data is accurate as of the revision date, we make no warranty with respect to the data and we expressly disclaim all liability for reliance thereon. The data is offered solely for information, investigation, and verification. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this MSDS. The user is responsible for full compliance.