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MATERIAL SAFETY DATA SHEET

A. Identification and Emergency Information:

For MSDS information call: 877-64-MAGIC (877-646-2442)

Product Name: Magic Tank Emergency Fuel
Chemical Name: Mixture
Chemical Family: Hydrocarbon Solvent
Product Appearance: Clear, water-white liquid
Product Odor: Aromatic hydrocarbon odor
CAS Numbers: 64742-88-7 and 64742-95-6

B. Component and Hazard Information

Components	CAS No.	Percent
Mineral Spirits, Predominantly C9-C12 Aliphatic Hydrocarbons	64742-88-7	25-30%
Solvent Naphtha (Petroleum) Light Armoatic	64742-95-6	75-70%
Contains: Xylenes	1330-20-7	1-2%
Trimethlybenzene, 1, 2, 4 (pseudocumene)	95-63-6	less than 40/%
Cumene	98-82-8	1-2%

Hazardous Materials Identification System (HMIS)

Health	Flammability	Reactivity
1	2	0

C. Primary Routes of Entry, Emergency and First Aid Procedures

EYE CONTACT

If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

SKIN

In case of skin contact, remove any contaminated clothing and wash skin thoroughly with soap and water.



INHALATION

If overcome by vapors, remove from exposure and call a physician immediately. If breathing is irregular or has stopped, start resuscitation, administer oxygen if available.

INGESTION

If ingested, DO NOT induce vomiting; call a physician immediately.

D. Fire and Explosion Hazard Information

FLASH POINT (MINIMUM)

ASTM D 56, Tag Closed Cup 105F

Combustible, Per 49 CFR 173.115

NATIONAL FIRE PROTECTION ASSOCIATIONS (NFPA) – HAZARD IDENTIFICATION

Health	Flammability	Reactivity
1	2	0

FLAMMABLE OR EXPLOSIVE LIMITS (APPROXIMATE PERCENT BY VOLUME IN AIR)

Estimated values: Lower limit 1%
Upper limit 7%

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES

Foam, water fog, dry chemical or carbon dioxide and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type of product, depending on size or potential size of fire and circumstances related to the situation. The following procedures for this type of product are based on the recommendations in the National Fire Protection Association's "Fire Protection Guide on Hazardous Materials", Eighth Edition, 1984.

Use dry chemical, foam or carbon dioxide to extinguish the fire. Water may be ineffective, but water should be used to keep fire-exposed containers cool. If a leak or spill has ignited, use water spray to disperse the vapors and to protect men attempting to stop a leak. Water spray may be used to flush spills away from exposures. Minimize breathing of gases, vapor fumes or decomposition products. US supplied air breathing equipment for enclosed or confined or as otherwise needed.

Note: the inclusion of the phrase "water may be ineffective" is to indicate that although water can be used to cool and protect exposed material, water may not extinguish the fire unless used under favorable conditions by experienced fire fighters trained in fighting all types of flammable liquid fires.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS

Fumes, smoke, carbon monoxide, aldehydes and other decomposition products, in case of incomplete combustion.

"EMPTY" CONTAINER WARNING

DO NOT REFILL WITH GASOLINE. IT IS DANGEROUS AND ILLEGAL IN MOST STATES TO STORE GASOLINE IN THE TRUNK OF AN AUTO. "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT WELD BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH



CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to clean since residue is difficult to remove. Empty containers should be completely drained and disposed of in an environmentally safe manner and in accordance with government regulations.

E. HEALTH AND HAZARD INFORMATION

VARIABILITY AMONG INDIVIDUALS

Health studies have shown that many petroleum hydrocarbons and synthetic lubrications pose potential human health risks, which may vary, from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

EFFECTS OF OVEREXPOSURE (Signs and symptoms of exposure)

High vapor concentrations (greater than approximately 1000 PPM) are irritating to the eyes and the respiratory tract and may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.

NATURE OF HAZZARD AND TOXICITY INFORMATION

Product contacting the eyes may cause eye irritation.

Product has a low order of acute oral and dermal toxicity but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possible death.

PRE-EXISTING MEDICAL CONDITIONS WHICH MAY BE AGRAVATED BY EXPOSURE

Skin contact may aggravate an existing dermatitis.

F. PHYSICAL DATA

THE FOLLOWING DATA ARE APPROXIMATE OR TYPICAL VALUE

Boiling Range:	310 to 402F
Specific Gravity 60/60F	Approx. 0.85
pH	Essentially neutral
Congeaing or melting point	Lower than minus 30F
Vapor Pressure @ 100F	Less than 5mm Hg.
Vapor Density (Air =!)	Approx. 4.2
Evaporation Rate (n-butyl acetate = 1	0.1
Solubility in Water	Less than .01%

G. REACTIVITY

This product is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.



H. ENVIRONMENTAL INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Shut off and eliminate all ignition sources. Keep people away. Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize breathing vapors. Minimize skin contact. Ventilate confined spaces. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. In case of a large spill, advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable governmental regulations. Continue to observe precautions for volatile, combustible vapors from absorbed material.

THE FOLLOWING INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS AND REGULATIONS UNDER VARIOUS ENVIRONMENTAL STATUTES.

REPORTABLE QUANTITY (RQ), EPA REGULATION CFR 302 (CERCLA Section 102)

The RQ for Cumene is 5,000 pounds. This product contains approximately 1% Cumene.

The RQ for Xylene is 1,000 pounds. This product contains approximately 1% Xylene.

THRESHOLD PLANNING QUANTITY (TPQ), EPA REGULATION 40 CFR 355 (SARA SECTIONS 301-304)

No TPQ for product or any constituent greater than 1% or 0.1% (carcinogen).

TOXIC CHEMICAL RELEASE REPORTING, EPA REGULATION 40 CFR 372 (SARA SECTION 313)

This product contains approximately 1% Cumene.

This product contains approximately 1% Xylene.

This product contains approximately 30% 1,2,4 – trimethyl benzene.

HAZARDOUS CHEMICAL REPORTING, EPA REGULATION 40 CFR 370 (SARA SECTIONS 311-312)

EPA Hazard	Acute	Chronic	Fire	Pressure	Reactive
Classification Code	Hazard	Hazard	Hazard	Hazard	Hazard
	X		X		N.A.

I. PROTECTION AND PRECAUTIONS (Primarily as applied to the workplace where the product is blended and packed for shipping)

VENTILATION

Use only with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. No smoking, flame or other ignition sources.

RESPIRATORY PROTECTION

Use supplied air respiratory protection in confined or enclosed spaces if needed.



PROTECTIVE GLOVES

Use chemical-resistant gloves if needed to avoid, prolonged or repeated skin contact.

EYE PROTECTION

Use splash goggles on face shield when eye contact may occur.

OTHER PROTECTIVE EQUIPMENT

Use chemical-resistant apron or other impervious clothing if needed to avoid contaminating regular clothing, which could result in prolonged or repeated skin contact.

WORK PRACTICES/ENGINEERING CONTROLS

Keep containers closed when not in use. Do not store near heat, sparks, flame or strong oxidants. To prevent fire or explosion risk from static accumulation and discharge, effectively ground product transfer system in accordance with the National Fire Protection Association standard for petroleum products.

In order to prevent fire or explosion hazards, use appropriate equipment.

Information on electrical equipment appropriate for use with this product may be found in the latest edition of the National Electrical Code (NFPA – 70). This document is available from the National Fire Protection Association, Batterymarch Park, Quincy, MA 02269.

PERSONAL HYGIENE

Minimize breathing vapor and mist. Avoid prolonged or repeated contact with skin. Remove contaminated clothing, launder or dry-clean before reuse. Cleanse skin thoroughly after contact, before breaks and meals and at the end of work period. Product is easily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

J. TRANSPORTATION AND OSHA RELATED LABEL INFORMATION

DOT Classification: COMBUSTIBLE

It is originally Class 3 (Flammable Liquid) III but this is reclassified as “Combustible” in accordance with 49 CFR 173.115 because the flash point is above 100F and it does not meet the definition of any other hazard class. The product is not subject to any DOT Hazardous Material Regulations when shipped in containers with a capacity of 119 gallons or less when shipped by land transportation as per 49 CFR 173.150 (f) (2). Some regulations apply for shipment by air or water.

DOT Proper Shipping Name:

Petroleum Distillates, N.O.S. (Petroleum Naphtha)

This material is classified as a “marine pollutant”.

The information and recommendations contained herein are accurate and reliable from the manufacturer to the best knowledge of Magic Tank, LLC. The corporation does not warrant or



guarantee their accuracy or reliability and shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the user's consideration and examination and it is the user's responsibility to satisfy that they are suitable and complete for its particular use.

**For additional information, contact Magic Tank, LLC 80 Maiden Lane Suite 2204 New York, NY 10038
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