

SDS: FLUIDAL MISTING OIL

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: Fluidal Misting Oil
Supplier: Fluids, Inc. 4271 Rifle Range Rd, Vicksburg MS 39180
Synonym: Baseoil – unspecified; Paraffin oils, petroleum, catalytic dewaxed light, Paraffin oils (petroleum), catalytic dewaxed light; Mineral oil, petroleum distillates catalytic dewaxed light paraffinic (mild or nosolvent-refining hydrotreatment); Mineral oil, petroleum distillates catalytic dewaxed light paraffinic (severe solvent-refining and/or hydrotreatment)
Material Uses: Petrochemical industry: Petroleum refining. Paraffinic Lubricant.
Product Code: 0825P-00-S
Validation Date: 5/13/2013
Version: 2
Incase of Emergency: 24 hr. CHEMTREC 1-800-424-9300 / International 1-703-527-3887
Product Type: Liquid

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview
Physical State: Liquid
Hazard Statement: HARMFUL OR FATAL IF SWALLOWED. CAN ENTER LUNGS AND CAUSE DAMAGE.
OSHA/HCS Status While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910. 1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
Routes of Entry: Eyes, Skin, Ingestion, Inhalation

Potential Acute Health Effects:
Inhalation: No known significant effects or critical hazards
Ingestion: Aspiration hazard if swallowed. Can enter lungs and cause damage.
Skin: No known significant effects of critical hazards.
Eyes: No known significant effects of critical hazards.

See Toxicological Information (Section 11)

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS Number	% by weight
Paraffin Oils (Petroleum), catalytic dewaxed light	64742-72-8	99-100

There are no additional ingredients present which, within the current knowledge of the supplier and the concentrations applicable, are classified as hazardous to health of the environment and hence require reporting in this section.

SECTION 4 - FIRST AID MEASURES

Eye Contact: Check for and remove and contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.

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Inhalation: Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

Ingestion: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

SECTION 5 - FIRE-FIGHTING MEASURES

Flammability of the Product: In a fire or if heated, a pressure increase will occur and the container may burst.

Extinguishing media:

Suitable: Use an extinguishing agent suitable for the surrounding fire.

Not Suitable: None known.

Special exposure hazards: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Hazardous thermal decomposition products: Decomposition products may include the following materials: Carbon dioxide, Carbon monoxide.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Environmental Precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up:

Small spill: Stop leak if without risk. Move containers from spill areas. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillage into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. Sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

Note: see Section 1 for emergency contact information and Section 3 for waste disposal.

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SECTION 7 - HANDLING AND STORAGE

Handling: Put on appropriate personal protective equipment (see Section 8). Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not swallow. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool, and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient	Exposure Limits
Paraffin oils (petroleum), catalytic dewaxed light	ACGIH TLV (United States, 3/20/12). TWA: 5mg/m ³ 8 hours. Form: Inhalable fraction OSHA PEL (United States 6/20/10) TWA: 5mb/m ³ 8 hours

Recommended Monitoring Procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Engineering Measures: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep workers exposure below any recommended or statutory limits.

Hygiene Measures: Wash hands, forearms and face thoroughly and handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal Protection

Respiratory: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazard of the product and the safe working limits of the selected respirator.

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Hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Eyes: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Environmental Exposure: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Flash Point: Open Cup 194°C (381.2°F) [Cleveland.]
Relative Density: 0.855
Vapor Pressure: 0.00013 kPa (0.001 mm Hg) [room temperature]
Viscosity: Kinematic (40°C (104°F)): 0.1412 cm²/s (14.12 cSt)
Solubility: Insoluble in the following materials; cold water and hot water.
API Gravity @60°F: 34
IP346%: <3%
Pour Point °C: -28.8

SECTION 10 - STABILITY AND REACTIVITY:

Chemical Stability: The product is stable.
Conditions to avoid: No specific data.
Incompatible materials: No specific data.
Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity:

Product/ingredient name	Result	Species	Dose	Exposure
Paraffin oils (petroleum), catalytic	Lc50 Inhalation	Rat – Female	9.5mg/l	
dewaxed light	Dusts and mists	Rabbit	>2000 mg/kg	4 hours
	LD50 Dermal	Rat	>5000 mg/kg	
	LD 50 Oral			

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Conclusion/Summary: Not available

Chronic Toxicity

Conclusion/Summary: Not available

Carcinogenicity

Conclusion/Summary: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3% DMSO extract as measured by IP 346.

Classification

Product/ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
Paraffin oils (petroleum), catalytic dewaxed light A4	-	-	-	-	-	-

Mutagenicity

Conclusion/Summary: Not available

SECTION 11 - TOXICOLOGICAL INFORMATION

Teratogenicity:

Conclusion/Summary: Not available

Reproductive Toxicity:

Conclusion/Summary: Not available

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No known significant effects or critical hazards.

Aquatic Ecotoxicity:

Conclusion/Summary: Not available

Persistence/degradability:

Conclusion/Summary: Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid any dispersal or spilled material and runoff and contact with soil waterways, drains and sewers.

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Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

SECTION 14 - TRANSPORT INFORMATION

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
Dot Classification	Not regulated	-	-	-	-	-
IMDG Class	Not regulated	-	-	-	-	-
IATA-DGR Class	Not regulated	-	-	-	-	-

PG* - Packing Group

SECTION 15 - REGULATORY INFORMATION

HCS Classification: Not regulated

U.S. Federal Regulations:

TSCA 8(a) CDR Exempt/Partial exemption: This material is listed or exempted.

United States inventory (TSCA 8b): This material is listed or exempted.

SARA 302/304: No products were found.

SARA 311/312 Hazards Identification: Not regulated.

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs): Not listed

Clean Air Act Section 602 Class I Substances: Not listed

Clean Air Act Section 602 Class II Substances: Not listed

DEA List I Chemicals (Precursor Chemicals): Not listed

DEA List II Chemicals (Essential Chemicals): Not listed

State Regulations

Massachusetts: This material is listed

New York: This material is not listed

New Jersey: This material is listed

Pennsylvania: This material is not listed

California Prop. 65

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

Ingredient Name	Cancer	Reproductive	No significant Risk Level	Maximum acceptable dosage level
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Canada

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

Canadian lists

Canadian NPRI: This material is not listed

CEPA Toxic Substances: This material is not listed

Canada Inventory: This material is not listed in DS: but is listed in NDSL.

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International regulations

International lists

- Australia Inventory (AICS): This material is listed or exempted.
- China Inventory (IECSC): This material is listed or exempted.
- Japanese Inventory: Not determined.
- Korea Inventory: This material is listed or exempted.
- Malaysia Inventory: (ESH Register): Not determined.
- New Zealand Inventory of Chemicals (NZIoC): This material is listed or exempted.
- Philippines Inventory (PICCS): This material is listed or exempted.
- Taiwan Inventory (CSNN): Not determined.

Europe Inventory: This material is listed or exempted.

- Chemical Weapons Convention List Schedule I Chemicals: Not Listed
- Chemical Weapons Convention List Schedule II Chemicals: Not Listed
- Chemical Weapons Convention List Schedule III Chemicals: Not Listed

SECTION 16 - OTHER INFORMATION

Label requirements: HARMFUL OR FATAL IF SWALLOWED. CAN ENTER LUNGS AND CAUSE DAMAGE

Hazardous Material Information System (USA):

Health 1

Flammability 1

Physical Hazards 0

Caution: HMIS® ratings are based on a 0-1 rating scales with a – representing minimal hazards or risks, and a 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® be purchased exclusively from J.J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

Date of issue: 5/13/2013

Date of previous issue: 2/26/2013

Version: 2

Prepared by: Technical Department

Indicates information that has been changed from previously issued version.

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 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 be 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.

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