



HI-VALLEY CHEMICAL
LABORATORY PRODUCTS

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SAFETY DATA SHEET

Hi Valley Chemical

Mineral Oil

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Mineral Oil
Synonyms: Paraffin Oil
SDS Number: R-042
Revision Date: 3/15/2017
Version: 1
Supplier Details: High Valley Products, Inc.
 1134 West 850 North
 Centerville, Utah 84014
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2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
 Health, Skin corrosion/irritation, 3
 Health, Serious Eye Damage/Eye Irritation, 2 A

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H316 - Causes mild skin irritation
 H319 - Causes serious eye irritation

GHS Precautionary Statements:

P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
8012-95-1	100%	Paraffin oil

4 FIRST AID MEASURES

Inhalation: If inhaled, move person to fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin Contact: Promptly flush skin with water until all chemical is removed.

Consult a physician if irritation persists.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.

Ingestion: Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Aspiration may cause pulmonary edema and pneumonitis.

5 FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

Use water fog, dry chemical or carbon dioxide.

Unsuitable extinguishing media.

Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

No data available

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

No data

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions:

Do not let product enter drains.

Methods and materials for containment and cleaning up:

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7 HANDLING AND STORAGE

Handling Precautions:

Avoid contact with eyes, skin, or clothing.

Avoid breathing vapors or mist. Use personal protective equipment. Always ensure adequate ventilation.

Wash hands thoroughly after handling.

Storage Requirements:

Store in cool/dry area. Store in tightly sealed container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment:

HMIS PP, A | Safety Glasses
Paraffin oil (8012-95-1) [100%]

Personal protective equipment

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection: impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Exposure Guidelines

Paraffin oil (8012-95-1) [100%]

Components with workplace control parameters

Upper Respiratory Tract irritation 2010 Adoption Exposure by all routes should be carefully controlled to levels as low as possible. Suspected human carcinogen

TWA 5 mg/m³ USA. Occupational Exposure Limits (OSHA) - Table Z- 1
Limits for Air Contaminants

Upper Respiratory Tract irritation 2010 Adoption Exposure by all routes should be carefully controlled to levels as low as possible. Suspected human carcinogen

TWA 5 mg/m³ USA. ACGIH Threshold Limit Values (TLV)
Upper Respiratory Tract irritation 2010 Adoption Not classifiable as a human carcinogen

TWA 5 mg/m³ USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
1910.1000

TWA 5 mg/m³ USA. NIOSH Recommended Exposure Limits

ST 10 mg/m³ USA. NIOSH Recommended Exposure Limits

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless.
Physical State:	Liquid
Odor:	No data available
Odor Threshold:	No data available
Solubility:	No data available
Spec Grav./Density:	No data available
Viscosity:	No data available
Boiling Point:	424.4 - 1189.4 °F (218 - 643 °C)
Freezing/Melting Pt.:	No data available
Flash Point:	275.00 °F (135.00 °C) Closed Cup 380.00 °F (193.33 °C) Open Cup
Partition Coefficient:	No data available
Vapor Pressure:	No data available
Vapor Density:	No data available
pH:	500 °F (260 °C)
Evap. Rate:	No data available
Auto-Ignition Temp:	No data available
Decomp Temp:	No data available
UFL/LFL:	No data available

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STABILITY AND REACTIVITY

Reactivity:	Strong oxidizing agents.
Chemical Stability:	Stable under recommended storage conditions.
Conditions to Avoid:	Avoid temperatures exceeding flash point.
Materials to Avoid:	Strong Oxidizing Agents.

Hazardous Decomposition: Irritating and/or toxic fumes or gases. Emits toxic fumes under fire conditions.

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TOXICOLOGICAL INFORMATION

Paraffin oil (8012-95-1) [100%]

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - mouse - 22,000 mg/kg

Inhalation LC50 no data available

Dermal LD50

Other information on acute toxicity

Skin corrosion/irritation: Skin - rabbit - Mild skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit - Eye irritation

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: 1 - Group 1: Carcinogenic to humans (Paraffin oils)

NTP: Known to be human carcinogenThe reference note has been added by TD based on the background information of the NTP. (Paraffin oils)

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

Signs and Symptoms of Exposure: Aspiration may lead to:, lipid pneumonia, Effects due to ingestion may include:, laxative effect, Gastrointestinal disturbance, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: PY8030000

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ECOLOGICAL INFORMATION

Paraffin oil (8012-95-1) [100%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - > 100 mg/l - 96 h.

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

13 **DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local regulations.

14 **TRANSPORT INFORMATION**

Non DOT regulated.

15 **REGULATORY INFORMATION**

Component (CAS#) [%] - CODES

Paraffin oil (8012-95-1) [100%] MASS, OSHAWAC, TSCA, TXAIR

Regulatory CODE Descriptions

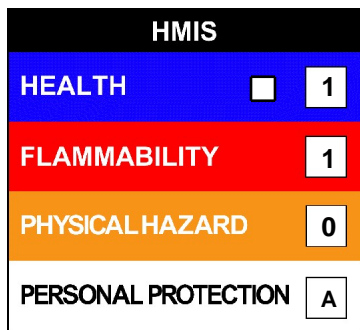
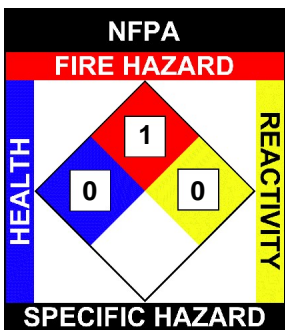
MASS = MA Massachusetts Hazardous Substances List
OSHA = OSHA Workplace Air Contaminants
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level

16 **OTHER INFORMATION**

NFPA: Health = 0, Fire = 1, Reactivity = 0, Specific Hazard = n/a

HMIS III: Health = 1, Fire = 1, Physical Hazard = 0

HMIS PPE: A - Safety Glasses



Disclaimer:

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