

Safety Data Sheet

Paraffin Oil, White

CAROLINA[®]
www.carolina.com

Section 1

Product Description

Product Name: Paraffin Oil, White
Recommended Use: Science education applications
Synonyms: Mineral oil, white, light
Distributor: Carolina Biological Supply Company
2700 York Road, Burlington, NC 27215
1-800-227-1150
Chemical Information: 800-227-1150 (8am-5pm (ET) M-F)
Chemtec: 800-424-9300 (Transportation Spill Response 24 hours)

Section 2

Hazard Identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

WARNING



Causes serious eye irritation.

GHS Classification:

Serious Eye Damage/Eye Irritation Category 2A

| | |
|--|--|
| Acute Toxicity Dermal Contains | 100 % of the mixture consists of ingredient(s) of unknown toxicity |
| Acute Toxicity Inhalation Gas Contains | 100 % of the mixture consists of ingredient(s) of unknown toxicity |
| Acute Toxicity Inhalation Vapor Contains | 100 % of the mixture consists of ingredient(s) of unknown toxicity |
| Acute Toxicity Inhalation Dust/Mist Contains | 100 % of the mixture consists of ingredient(s) of unknown toxicity |

Section 3

Composition / Information on Ingredients

| <u>Chemical Name</u> | <u>CAS #</u> | <u>%</u> |
|----------------------|--------------|----------|
| Paraffin Oil, White | 8012-95-1 | 100 |

Section 4

First Aid Measures

Emergency and First Aid Procedures

Inhalation: In case of accident by inhalation: remove casualty to fresh air and keep at rest.
Eyes: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact: After contact with skin, wash immediately with plenty of water.
Ingestion: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Section 5

Firefighting Procedures

Safety Data Sheet

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| Extinguishing Media: | Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the fire. Do not direct a water stream directly into the hot burning liquid. |
| Fire Fighting Methods and Protection: | Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus. |
| Fire and/or Explosion Hazards: | Fire or excessive heat may produce hazardous decomposition products. Explosive when mixed with oxidising substances. |
| Hazardous Combustion Products: | Carbon dioxide, Carbon monoxide |

Section 6 Spill or Leak Procedures

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| Steps to Take in Case Material is Released or Spilled: | Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill. Avoid contact with material. Avoid breathing dust/fume/gas/mist/vapors/spray. Ventilate the contaminated area. Use an inert absorbent such as sand or vermiculite. Place in properly labeled closed container. Contain the discharged material. Do not allow the spilled product to enter public drainage system or open waterways. |
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Section 7 Handling and Storage

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| Handling: | Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Keep away from oxidizing materials and strong acids. |
| Storage: | Keep container tightly closed in a cool, well-ventilated place. |
| Storage Code: | Green - general chemical storage |

Section 8 Protection Information

| <u>Chemical Name</u> | <u>ACGIH</u> | <u>OSHA PEL</u> |
|----------------------|--|---|
| Paraffin Oil, White | (TWA) 5 mg/m ³ TWA (excluding metal working fluids, highly & severely refined, inhalable fraction) | (TWA) 5 mg/m ³ TWA (STEL) N/A |

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| Control Parameters | |
| Engineering Measures: | No exposure limits exist for the constituents of this product. General room ventilation might be required to maintain operator comfort under normal conditions of use. Lab coat, apron, eye wash, safety shower. |
| Personal Protective Equipment (PPE): | No respiratory protection required under normal conditions of use. |
| Respiratory Protection: | Wear chemical splash goggles when handling this product. Have an eye wash station available. |
| Eye Protection: | |
| Skin Protection: | Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. |
| Gloves: | Natural rubber, Neoprene, PVC or equivalent. |

Section 9 Physical Data

| | |
|--|---|
| Formula: N/A | Vapor Pressure: N/A |
| Molecular Weight: N/A | Evaporation Rate (BuAc=1): <0.01 |
| Appearance: Colorless Liquid | Vapor Density (Air=1): >10 |
| Odor: No data available | Specific Gravity: 0.83-0.860 |
| Odor Threshold: No data available | Solubility in Water: N/A |
| pH: No data available | Log Pow (calculated): No data available |
| Melting Point: -18 C | Autoignition Temperature: No data available |
| Boiling Point: 326 - 407 C | Decomposition Temperature: No data available |
| Flash Point: 193 C | Viscosity: No data available |
| Flammable Limits in Air: N/A | Percent Volatile by Volume: 0% |

Paraffin Oil, White

Safety Data Sheet

Section 10

Reactivity Data

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|---------------------------|---------------------------------|
| Reactivity: | No data available |
| Chemical Stability: | Stable under normal conditions. |
| Conditions to Avoid: | None known. |
| Incompatible Materials: | Strong oxidizing agents |
| Hazardous Polymerization: | Will not occur |

Section 11

Toxicity Data

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|-------------------|---|
| Routes of Entry | Inhalation, ingestion, eye or skin contact. |
| Symptoms (Acute): | N/A |
| Delayed Effects: | No data available |

Acute Toxicity:

| Chemical Name | CAS Number | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------------|------------|--|----------------|-----------------|
| Paraffin Oil, White | 8012-95-1 | Oral LD50 Mouse 22000 mg/kg Oral LD50 Rat > 24000 mg/kg | Not determined | Not determined |

Carcinogenicity:

| Chemical Name | CAS Number | IARC | NTP | OSHA |
|---------------------|------------|--------|------------|------------|
| Paraffin Oil, White | 8012-95-1 | Listed | Not listed | Not listed |

Chronic Effects:

| | |
|-----------------------|---|
| Mutagenicity: | No evidence of a mutagenic effect. |
| Teratogenicity: | No evidence of a teratogenic effect (birth defect). |
| Sensitization: | No evidence of a sensitization effect. |
| Reproductive: | No evidence of negative reproductive effects. |
| Target Organ Effects: | |
| Acute: | See Section 2 |
| Chronic: | Not listed as a carcinogen by IARC, NTP or OSHA. |

Section 12

Ecological Data

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|------------------------|--|
| Overview: | This material is not expected to be harmful to the ecology. Keep out of waterways. |
| Mobility: | No data |
| Persistence: | No data |
| Bioaccumulation: | No data |
| Degradability: | No data |
| Other Adverse Effects: | No data |

| Chemical Name | CAS Number | Eco Toxicity |
|---------------|------------|--------------|
| N/A | 8012-95-1 | |

Section 13

Disposal Information

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|-------------------------|---|
| Disposal Methods: | Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance. |
| Waste Disposal Code(s): | Not Determined |

Section 14

Transport Information

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|------------------------------------|--|
| Ground - DOT Proper Shipping Name: | Air - IATA Proper Shipping Name: |
| N/A | Not regulated for air transport by IATA. |

Safety Data Sheet

Section 15

Regulatory Information

TSCA Status:

All components in this product are on the TSCA Inventory.

Chemical Name**CAS
Number****§ 313 Name****§ 304 RQ****CERCLA RQ****§ 302 TPQ****CAA 112(2)
TQ**

No data available

8012-95-1

No

No

No

No

No

Section 16

Additional Information

Revised: 09/09/2015

Replaces: 09/12/2014

Printed: 07-06-2016

The information provided in this (Material) Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the (Material) Safety Data Sheet.

Glossary**ACGIH**

American Conference of Governmental
Industrial Hygienists

CAS

Chemical Abstract Service Number

CERCLA

Comprehensive Environmental Response,
Compensation, and Liability Act

DOT

U.S. Department of Transportation

IARC

International Agency for Research on Cancer

N/A

Not Available

NTP

National Toxicology Program

OSHA

Occupational Safety and Health Administration

PEL

Permissible Exposure Limit

ppm

Parts per million

RCRA

Resource Conservation and Recovery Act

SARA

Superfund Amendments and Reauthorization Act

TLV

Threshold Limit Value

TSCA

Toxic Substances Control Act

IDLH

Immediately dangerous to life and health