

MATERIAL SAFETY DATA SHEET



Paraffin Oil, White

SECTION 1 . Product and Company Identification

Product Name and Synonym: Paraffin Oil, White
Product Code: BDH3338
Material Uses:
Manufacturer: Aqua Solutions, Inc
6913 Hwy 225
Deer Park, TX 77536
(281) 479-2569
Entry Date : 4/5/2010
Print Date: 7/21/2010
24 Hour Emergency Assistance : Chemtrec 800-424-9300
Canutec 613-996-6666

Health:	0			
Flammability:	1			
Reactivity:	0			
Hazard Rating:				
Least	Slight	Moderate	High	Extreme
0	1	2	3	4
NA = Not Applicable		NE = Not Established		

SECTION 2 HAZARD IDENTIFICATION

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

Physical state: Liquid (Oily liquid.)
Odor: Odorless
OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Emergency overview:

CAUTION!
CAUSES SEVERE EYE IRRITATION
MAY CAUSE RESPIRATORY TRACT AND SKIN IRRITATION.
MAY BE HARMFUL IF INHALED OR SWALLOWED
MAY CAUSE DAMAGE TO THE FOLLOWING ORGANS:
RESPIRATORY TRACT, SKIN, EYES, LENS OR CORNEA
ASPIRATION HAZARD

Do not ingest.
Avoid contact with skin and clothing.. Avoid breathing vapor or mist. Keep container closed.
Use only with adequate ventilation. Wash thoroughly after handling.

Routes of entry: Inhalation. Ingestion.

Potential acute health effects:

Eyes: Irritating to eyes.
Skin: Moderately irritating to the skin.
Inhalation: Moderately irritating to the respiratory system.
Ingestion: Harmful if swallowed
Carcinogenicity: No known significant effects or critical hazards.
Mutagenicity: No known significant effects or critical hazards.
Teratogenicity/ Reproductive toxicity: No known significant effects or critical hazards.

Medical conditions aggravated by over-exposure:
Repeated skin exposure can produce local skin destruction or dermatitis. Repeated or prolonged exposure to the substance can produce lung damage. Repeated or prolonged exposure to contact with spray or mist may chronic eye irritation and severe skin irritation.
Repeated or prolonged exposure to the substance can produce target organs damage.

SECTION 3 MIXTURE COMPONENTS

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SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Mineral Oil Light	CAS# 8012-95-1	100%	V/V	OSHA TWA 5 mg(mist)/m ³

SECTION 4 FIRST AID MEASURES

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Get medical attention if symptoms occur. Wash out mouth with water. Move exposed person to fresh air. If exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel

SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Water spray, Carbon dioxide, dry chemical, powder, foam.

Fire / Explosion Hazards: Negligible fire hazard when exposed to heat or flame

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Absorb spill with inert material, then place in a chemical waste container. Remove all sources of ignition. Dispose of in a manner consistent with federal, local law.

Personal precautions: Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Methods for cleaning up: If emergency personal are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

SECTION 7 HANDLING AND STORAGE

Keep away from heat and flame. Do not get in eyes, on skin, on clothing. Use with adequate ventilation.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: NIOSH/MSHA-approved respirator

Ventilation

Local Exhaust

Mechanical

Protective Gloves: Gloves to prevent exposure

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Eye Protection: Splash Goggles

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

Product name - United States – Paraffin Oil

ACGIH TLV (United States, 1/2007).
STEL: 10 mg/m³ 15 minute(s).
TWA: 5 mg/m³ 8 hour(s)
NIOSH REL (United States, 12/2001).
STEL: 10 mg/m³ 15 minute(s). Form: Mist

TWA: 5 mg/m³ 10 hour(s) Form: Mist
OSHA PEL (United States, 11/2006)
TWA: 5 mg/m³ 8 hour(s)
OSHA PEL 1989 (United States, 3/1989).
TWA: 5 mg/m³ 8 hour(s)

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, gases or dusts.

Recommended:

safety glasses with side-shields,

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

Body recommended:

lab coat and gloves

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 hazards of the product and the safe working limits of the selected respirator.

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.

Hygiene measures: Wash hands, forearms and face thoroughly after 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.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	Information not available	Percent Volatile by Volume:	0
Boiling Point:	360°C	Evaporation Rate	Information not available
Vapor Pressure:	Information not available	Evaporation Standard	
Vapor Density:	Information not available	Auto Ignition Temp	Information not available
Solubility in Water:	Insoluble	Lower Flamm. Limit in Air	Information not

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available

Appearance /Odors:	Clear, colorless, odorless liquid	Upper Flamm. Limit in Air	Information not available
Flash Point:	229°C (420°F)		
Specific Gravity:	0.844		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability:	Stable
Conditions to Avoid:	Temperature extremes
Materials to Avoid:	Strong oxidizing agents
Hazardous Decomposition Products:	Oxides of carbon
Hazardous polymerization:	Will Not Occur
Conditions to Avoid:	None known

SECTION 11 Toxicological Information

Chronic effects on humans: Contains material which causes damage to the following organs: upper respiratory tract, skin, eye, lens or cornea.

Other toxic effects on humans:
Very hazardous in case of eye contact (irritant),
Hazardous in case of inhalation (lung irritant).

Specific effects
Carcinogenic effects: No known significant effects or critical hazards
Mutagenic effects: No known significant effects or critical hazards
Teratogenicity/Reproductive toxicity: No known significant effects or critical hazards

Sensitization
Ingestion: No known significant effects or critical hazards
Inhalation: Moderately irritating to respiratory tract
Eyes: Irritating to eyes.
Skin: Moderately irritating to the skin

SECTION 12 Ecological Information

Ecotoxicity data
United States
Product/ ingredient name:
Paraffin Oil
Lepomis macrochirus (LC50) 96 hour(s) >100 mg/l
Oncorhynchus mykiss (LC50) 96 hour(s) >100 mg/l

Environmental precautions: No known significant effects or critical hazards.

SECTION 13 Disposal Considerations

Waste disposal: the generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-product should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

SECTION 14 Transport Information

Paraffin Oil, White

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

SECTION 15 Regulatory Information

United States

HCS Classification:
Irritating material
Target organ effects

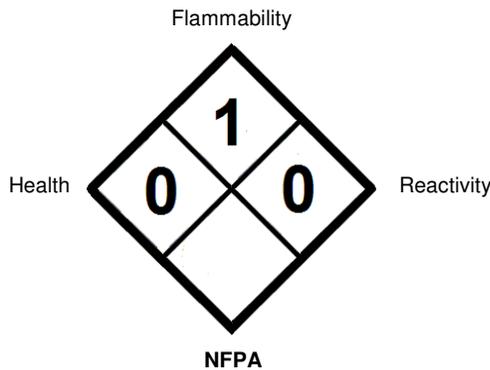
U.S. Federal regulations:

United States inventory (TSCA 8b): listed
SARA 302/304/311/312 extremely hazardous substances: No products were found
SARA 302/304 emergency planning and notifications: No products were found
SARA 302/304/311/312 hazardous chemicals: Paraffin Oil
SARA 311/312 MSDS distribution- Chemical inventory- hazard identification: Paraffin Oil
: Immediate (acute) health hazard, Delayed (chronic) health hazard
Clean Water Act (CWA) 307: No products were found
Clean Water Act (CWA) 311: No products were found
Clean Air Act (CAA) 112 accidental release prevention: No products were found
Clean Air Act (CAA) 112 regulated flammable substance: No products were found.
Clean Air Act (CAA) 112 regulated toxic substance: No products were found

State regulations: Pennsylvania RTK: Paraffin Oil (generic environmental hazard);
Massachusetts RTK: Paraffin Oil
New Jersey: Paraffin Oil
Canada
WHMIS (Canada) : Not Controlled by WHMIS (Canada)

CEPA DSL/ CEPA NDSL : CEPA DSL: Paraffin Oil
This product has been classified in accordance with the hazard criteria of the CPR and the
MSDS contains all the information required by the CPR.

SECTION 16 Additional Information



Revisions

7/21/2010	0	Review date for MSDS.stn
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The information herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty either expressed or implied is made for the completeness or accuracy of the information whether originating from the above mentioned company or not. Users of this material should satisfy themselves by independent investigation of current scientific and medical knowledge that the material can be used safely.