

Sulfur in Mineral Oil

Product Identifier:	Sulfur in Mineral Oil	
SDS Number:	See Product Code	
Product Code:	SMO10	
Revision Date:	1/4/2023	
Version:	4	
Internal ID:	10003362	
Product Description:	Sulfur in Mineral Oil Calibration Standards	
Supplier Details:	ASI Standards	
	27635 Commerce Oaks Drive	
	Oak Ridge North, TX 77385	
Phone:	281-419-9229 / 866-419-9229 (Toll Free)	
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Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS): Health, Aspiration hazard, 1

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: DANGER

GHS Hazard Pictograms:



GHS Hazard Statements:

H304 - May be fatal if swallowed and enters airways

GHS Precautionary Statements:

P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 - DO NOT induce vomiting.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations

COMPOSITION/INFORMATION OF INGREDIENTS

CAS#		Ingredients: Chemical Name:	
544-40-1	0-5%	Di-N-Butyl Sulfide	
8042-47-5	95-100%	Mineral oil	

4 FIRST AID MEASURES

Inhalation:

Skin Contact:

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Supply fresh air; consult doctor in case of complaints Immediately wash with water and soap and rinse thoroughly

5	FIRE FIGHTING MEASURES

Suitable Extinguishing Agents:

Use fire fighting measures that suit the environment

Special Hazards Arising from the Substance or Mixture: Formation of toxic gases is possible during heating or in case of fire

Protective Equipment: Wear self-contained respiratory protective device

6	ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear protective clothing.

Environmental Precautions:

Do not allow to enter sewers/surface or ground water

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

7	HANDLING AND STORAGE
Handling Precautions:	Ensure good ventilation/exhaustion at the workplace. Store in a cool, dry place in tightly closed receptacles. Prevent formation of aerosols.
Storage Requirements:	Store in a cool location. Store only in the original receptacle. Keep container in a well-ventilated place. Keep away from sources of ignition and heat. Store away from foodstuffs.
8	EXPOSURE CONTROLS/PERSONAL PROTECTION
Engineering Controls:	Components with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Personal Protective Equipment:	Breathing equipment: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
	Protection of Hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374. Material of Gloves: Nitrile rubber, NBR Penetration time of glove material: The exact break through time has to be found out by the manufacturer
	of the protective gloves and has to be observed.
	Eye Protection: Safety Glasses Hygienic Measures: uffs, beverages and feed. aks and at the end of work.
9	PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless		
Physical State:	Oily Liquid	Odor:	Odorless

Odor Threshold: Boiling Point: pH:	Not determined 218°C (424°F) Not determined	Solubility: Flash Point: Bulk Density:	Not miscible or difficult to mix in water 115°C (239°F) 0.86176 g/cm³ @ 20°C (68°F) (7.191 lbs/gal)
10 Reactivity:	STABILITY AND REACTIVITY Stable under normal of	Auto-Ignition Temp:	Product is not selfigniting
Chemical Stability:Stable under normal conditionsConditions to Avoid:Stable under normal conditionsMaterials to Avoid:Formation of toxic gases is possible during heating or in case ofMaterials to Avoid:Strong oxidizing agentsHazardous Decomposition:Formation of toxic gases is possible during heating or in case ofHazardous Polymerization:No dangerous reactions known			
11	TOXICOLOGICAL INFORMA	TION	

Information on toxicological effects: May be fatal if swallowed and enters airways

Acute Toxicity: LD/LC50 values that are relevant for classification: 8042-47-5 Mineral Oil Oral LD50 >5000mg/kg (Rat)

Primary irritant effect: on the skin: No irritant effect on the eye: No irritant effect

Sensitization: No sensitizing effects known

Additional Toxicological information:

The product show the following dangers according to internally approved calculation methods for preparations

Carcinogenic Categories:

IARC (International Agency for Research on Cancer): None of the ingredients are listed NTP (National Toxicology Program): None of the ingredients are listed OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients are listed

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Toxicity: Aquatic Toxicity: No further relevant information available Persistence and Degradability: No further relevant information available

Behavior in environmental systems: Bioaccumulative Potential: No further relevant information available Mobility in Soil: No further relevant information available

Additional Ecological Information:

General Notes: Water Hazard Class 1 (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

13	DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation: Must not be disposed of together with household garbage. DO not allow product to reach sewage system.

Uncleaned Packagings:

Recommendation: Dispose in accordance with national regulations.

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TRANSPORT INFORMATION

Not Regulated as Dangerous Goods by any Agencies.

REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Di-N-Butyl Sulfide (544-40-1) [0-5%] TSCA

Mineral oil (8042-47-5) [95-99%] TSCA

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act

16 OTHER INFORMATION

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



The information in this SDS pertains only to the product as shipped.

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