

Material Safety Data Sheet



Zep Inc.
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Section 1. Chemical Product and Company Identification

Product name DUST MOP TREATMENT
Product use Dust Mop Treatment
Product code R255
Date of issue 08/18/09 **Supersedes**

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-793-7776

For Medical Emergency
(877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Prepared By
Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Hazards Identification

Emergency overview

*Hazard Determination System (HDS): Health, Flammability, Reactivity

WARNING !



CAUSES EYE IRRITATION. MAY CAUSE SKIN IRRITATION.
HARMFUL IF SWALLOWED.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Dermal contact. Eye contact. Inhalation.

Eyes Causes eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

Skin May cause skin irritation. Product may be dermal absorbed. Skin inflammation is characterized by itching, scaling, or reddening.

Inhalation Inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation. Can cause central nervous system (CNS) depression.

Ingestion Harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.

Chronic effects

Prolonged or repeated contact may dry skin and cause irritation. Contains material which may cause damage to the following organs: kidneys, the nervous system, stomach.

Carcinogenicity No known significant effects or critical hazards.

Product/ingredient name

ACGIH

IARC

EPA

NIOSH

NTP

OSHA

METHYL SALICYLATE

A5

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Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

	<u>CAS number</u>	
MINERAL SEAL OIL; mineral oil; petrolatum	64742-30-9	90 - 95
ALCOHOLS, C11-15, ETHOXYLATED	68131-40-8	1 - 5
METHYL SALICYLATE; 2-carbomethoxyphenol; oil of wintergreen; sweet birch oil	119-36-8	1 - 5

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.

Skin Contact Flush affected skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

Inhalation Move exposed person to fresh air. If irritation persists, get medical attention.

Ingestion Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point	Open cup: >93.33°C (200°F).
Flammable Limits	Not available.
Flammability	Non-combustible.
Fire hazard	In a fire or if heated, a pressure increase will occur and the container may burst. May emit toxic fumes under fire conditions.
Fire-Fighting Procedures	Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

Spill Clean up	Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.
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Section 7. Handling and Storage

Handling	Put on appropriate personal protective equipment (see section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Do not reuse container. Wash thoroughly after handling.
Storage	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. Do not store in unlabeled containers. Protect from temperature extremes and direct sunlight. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name**

MINERAL SEAL OIL; mineral oil; petrolatum

Exposure limits

OSHA PEL (United States).
: 5 mg/m³ 8 hour(s). Form: Mist

ACGIH TLV (United States).
: 5 ppm 8 hour(s). Form: Mist

Personal Protective Equipment (PPE)

Eyes	Safety glasses.
Body	Wear appropriate protective clothing to prevent skin contact. Recommended: Nitrile gloves. Neoprene gloves. Rubber gloves.
Respiratory	Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Wear appropriate respirator when ventilation is inadequate.

**Section 9. Physical and Chemical Properties**

Physical State	Liquid.	Color	Clear. Amber. [Light]
pH	Not applicable	Odor	Wintergreen.
Boiling Point	>260°C (>500°F)	Vapor Pressure	Not determined.
Specific Gravity	0.81	Vapor Density	>1 [Air = 1]
Solubility	Emulsifies in water.	Evaporation Rate	<1 (Water = 1)
		VOC (Consumer)	17.33 (g/l). 0.14 lbs/gal 2.13%

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Reactive or incompatible with the following materials: oxidizing materials and acids.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO ₂)

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
ALCOHOLS, C11- C15, ETHOXYLATED	LD50 Dermal	Rabbit	4000 mg/kg	-
	LD50 Oral	Rat	3530 mg/kg	-
METHYL SALICYLATE	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	887 mg/kg	-

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Non-hazardous waste

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	Not regulated.	None.	-	-	
IMDG Class					

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

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 the 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 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.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.