

Material Safety Data Sheet

Section 1. Product and Company Identification

Product Name	Paraffin Oil	Product Code	1.07160
Manufacturer	EMD Chemicals Inc. P.O. Box 70 480 Democrat Road Gibbstown, NJ 08027 Prior to January 1, 2003 EMD Chemicals Inc. was EM Industries, Inc. or EM Science, Division of EM Industries, Inc.	Effective Date	5/27/2003
		Print Date	5/11/2004

For More Information Call

856-423-6300 Technical Service
Monday-Friday: 8:00 AM - 5:00 PM

In Case of Emergency Call

800-424-9300 CHEMTREC (USA)
613-996-6666 CANUTEC (Canada)
24 Hours/Day: 7 Days/Week

Synonym MINERAL OIL

Material Uses Analytical reagent.

Chemical Family Aliphatic hydrocarbon.

Section 2. Composition and Information on Ingredients

Component	CAS #	% by Weight
OIL MIST, MINERAL	8012-95-1	100

Section 3. Hazards Identification

Physical State and Appearance Liquid. (Oily liquid.)

Emergency Overview CAUTION!
CAUSES EYE IRRITATION.
CAUSES DAMAGE TO THE FOLLOWING ORGANS: RESPIRATORY TRACT, SKIN, EYE, LENS OR CORNEA.
MAY CAUSE RESPIRATORY TRACT IRRITATION.

Routes of Entry Inhalation. Ingestion.

Potential Acute Health Effects

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Skin No known acute effects of this product resulting from skin contact.

Inhalation May be hazardous in case of inhalation (lung irritant).

Ingestion No known acute effects of this product resulting from ingestion.

Potential Chronic Health Effects

Carcinogenic Effects This material is not known to cause cancer in animals or humans.

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Additional information See Toxicological Information (section 11)

**Medical Conditions
Aggravated by
Overexposure:**

Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin Contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Section 5. Fire Fighting Measures

Flammability of the Product	May be combustible at high temperature.
Auto-ignition Temperature	259.9 to 370.9°C (499.8 to 699.6°F)
Flash Points	Closed cup: 192.9°C (379.2°F).
Flammable Limits	Not available.
Products of Combustion	Not available.
Fire Hazards in Presence of Various Substances	Not available.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of static discharge: No. Risks of explosion of the product in presence of mechanical impact: No.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Protective Clothing (Fire)	Be sure to use an approved/certified respirator or equivalent.
Special Remarks on Fire Hazards	Not available.
Special Remarks on Explosion Hazards	Not available.

Section 6. Accidental Release Measures

Small Spill and Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Large Spill and Leak	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.
Spill Kit Information	No specific spill kit required for this product.

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Section 7. Handling and Storage

Handling	Avoid contact with eyes. Avoid breathing vapors or spray mists. Keep container closed. Do not ingest.
Storage	Keep container in a cool, well-ventilated area.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.
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Personal Protection

Eyes Splash goggles.

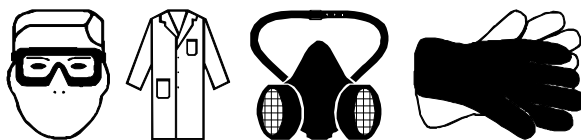
Body Lab coat.

Respiratory Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.

Hands Gloves.

Feet Not applicable.

Protective Clothing (Pictograms)



Personal Protection in Case of a Large Spill

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Product Name

OIL MIST, MINERAL

Exposure Limits

Belgium Minister of Labour (Belgium, 1998).

VCD: 10 mg/m³

VL: 5 mg/m³

Tyterveyslaitos (Finland, 1998).

TWA: 5 mg/m³

NIOSH REL (United States, 1994).

STEL: 10 mg/m³ Form: Mist

TWA: 5 mg/m³ Period: 10 hour(s). Form: Mist

OSHA Final Rule (United States, 1989).

TWA: 5 mg/m³ Form: Mist

Section 9. Physical and Chemical Properties

Odor	Odorless.
Color	Colorless to light yellow. Clear.
Physical State and Appearance	Liquid. (Oily liquid.)
Molecular Weight	Not available.
Molecular Formula	Unspecified
pH	Not applicable.
Boiling/Condensation Point	360.05°C (680.1°F)

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Melting/Freezing Point -17.73°C (0.1°F)

Specific Gravity 0.9 (Water = 1)

Vapor Pressure Not available.

Vapor Density Not available.

Odor Threshold Not available.

Evaporation Rate Not available.

LogK_{ow} Not available.

Solubility Insoluble in water.

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Conditions of Instability Not available.

Incompatibility with Various Substances Reactive with oxidizing agents.

Rem/Incompatibility Not available.

Hazardous Decomposition Products Not available.

Hazardous Polymerization Will not occur.

Section 11. Toxicological Information

RTECS Number: Paraffin Oil, Light PY8030000, XH7480000

Toxicity LD₅₀: Not available.
LC₅₀: Not available.

Chronic Effects on Humans Not available.

Acute Effects on Humans Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching. May be hazardous in case of inhalation (lung irritant).

Synergetic Products (Toxicologically) Not available.

Irritancy Draize Test (Rabbit):
Skin: 100mg/24h. Reaction: Mild.

Sensitization Not available.

Carcinogenic Effects This material is not known to cause cancer in animals or humans.

Toxicity to Reproductive System Not available.

Teratogenic Effects Not available.

Mutagenic Effects Not available.

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Section 12. Ecological Information

Ecotoxicity Not available.

BOD5 and COD Not available.

Toxicity of the Products of Biodegradation The product itself and its products of degradation are not toxic.

Section 13. Disposal Considerations

EPA Waste Number Not available.

Treatment Material does not have an EPA Waste Number and is not a listed waste, however consultation with a permitted waste disposal site (TSD) should be accomplished. Always contact a permitted waste disposal (TSD) to assure compliance with all current local, state, and Federal Regulations.

+ Section 14. Transport Information

DOT Classification Proper Shipping Name: CHEMICALS,N.O.S.
RQ: Not applicable.

TDG Classification Not available.

IMO/IMDG Classification Not available.

ICAO/IATA Classification Not available.

Section 15. Regulatory Information

U.S. Federal Regulations TSCA 8(b) inventory: OIL MIST, MINERAL
SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: OIL MIST, MINERAL
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: OIL MIST, MINERAL: Immediate (Acute) Health Hazard, Delayed (Chronic) Health Hazard
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 accidental release prevention: No products were found.
Clean air act (CAA) 112 regulated flammable substances: No products were found.
Clean air act (CAA) 112 regulated toxic substances: No products were found.

WHMIS (Canada) Class D-2B: Material causing other toxic effects (TOXIC).

CEPA DSL: OIL MIST, MINERAL

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all required information.

International Regulations

EINECS OIL MIST, MINERAL 232-384-2

DSCL (EEC) R37- Irritating to respiratory system.
R41- Risk of serious damage to eyes.

International Lists Australia (NICNAS): OIL MIST, MINERAL

Korea (TCCL): OIL MIST, MINERAL

Philippines (RA6969): OIL MIST, MINERAL

China: No products were found.

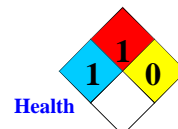
State Regulations

Massachusetts RTK: OIL MIST, MINERAL

California prop. 65: No products were found.

+Section 16. Other Information

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



Fire Hazard

Reactivity

Specific Hazard

**Changed Since Last
Revision**



Notice to Reader

The statements contained herein are based upon technical data that EMD Chemicals Inc. believes to be reliable, are offered for information purposes only and as a guide to the appropriate precautionary and emergency handling of the material by a properly trained person having the necessary technical skills. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use, storage and disposal of these materials and the safety and health of employees and customers and the protection of the environment. EMD CHEMICALS INC. MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE, WITH RESPECT TO THE INFORMATION HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS.