

MPO 190

Material Safety Data Sheet

Revision Date July 2011

1. Substance/Company Identification	PRODUCT NAME: MPO 190 CHEMICAL NAME: Petroleum Lubricating Oil CHEMICAL FAMILY: Petroleum Hydrocarbon COMPANY: Inland Vacuum Industries 35 Howard Ave Churchville NY 14428 (585) 293-3330 For Chemical Emergency Call Chemtrec 800-424-9300
2. Composition/ Ingredients	CAS NUMBER: 64742-54-7 PRODUCT COMPONENTS: Distillates (petroleum), hydrotreated heavy paraffinic
3. Hazards Identification	EMERGENCY OVERVIEW: Oil mist, if generated. US OSHA HAZARD COMMUNICATION STANDARD: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous. Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346. Potential Health Effects: Inhalation: Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. Inhalation of oil mist or vapors at elevated temperature may cause respiratory irritation. Eye Contact: Expected to be minor eye irritant Skin Contact: Repeated or prolonged skin contact may cause dermatitis and defatting. Ingestion: Not expected to be acutely toxic. Chronic: None known. HMS Hazard Ratings: HEALTH : 1 FLAMMABILITY: 1 REACTIVITY : 0 <div style="border: 1px solid black; padding: 2px; display: inline-block;">Key: 4-Severe 3-Serious 2-Moderate 1-Slight 0-Minimal</div>
4. First Aid Measures	INHALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention. EYE CONTACT: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention. SKIN CONTACT: Flush with large amounts of water. Use soap if possible. Remove severely contaminated clothing and wash before reuse. If irritation persists seek medical attention. INGESTION: If swallowed, do not induce vomiting.
5. Fire Fighting Measures	FLASH POINT: >213 C METHOD USED: Cleveland Open Cup Flammable Limits: not established Autoignition Temp: No data available EXTINGUISHING MEDIA: Water spray, dry chemical, carbon dioxide (CO ₂), foam FIRE FIGHTING INSTRUCTIONS: Avoid breathing smoke and vapor FIRE FIGHTING EQUIPMENT: Wear self-contained breathing apparatus and protective clothing. Use water spray to keep fire-exposed containers cool. HAZARDOUS COMBUSTION PRODUCTS: Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.
6. Accidental Release Measures	PROCEDURE TO BE FOLLOWED IN EVENT OF RELEASE: Remove sources of ignition. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Take up small spills with absorbent pads. Large spills may be taken up with pump or vacuum.
7. Handling and Storage	GENERAL: Keep container closed. Store in a cool, well ventilated place.

	Keep away from heat, sparks and flame. Empty containers may contain residues.
	STORAGE TEMPERATURE: Ambient
	STORAGE PRESSURE: Atmospheric
8. Exposure Controls/Personal Protection	EXPOSURE LIMITS: Oil mist if generated: TLV (ACGIH) 5mg/m ³ -8hr TWA, STEL (ACGIH) 10mg/m ³ , PEL (OSHA) 5 mg/m ³ -8hr TWA
	VENTILATION: Good ventilation at source of vapor
	PERSONAL PROTECTION: For open systems where contact is likely, wear safety glasses with side shields, long sleeves and chemical resistant gloves.
9. Physical & Chemical Properties	PHYSICAL STATE: Liquid
	VAPOR PRESSURE: < .0001 Torr @ 25C
	BOILING POINT: 112 C @ .01 torr
	EVAPORATION RATE (n-Bu Acetate = 1): Nil
	VAPOR DENSITY: approximately 14
	VOC: NA
	SPECIFIC GRAVITY: 0.87
	VISCOSITY: 55 cst @ 40 C
	SOLUBILITY IN WATER: Nil
	APPEARANCE: clear to straw yellow viscous liquid with a faint petroleum odor.
10. Stability & Reactivity	STABILITY: Stable under normal temperatures and pressures
	CONDITIONS TO AVOID: None known
	INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents
	HAZARDOUS POLYMERIZATION: Will not occur
	HAZARDOUS DECOMPOSITION: None
11. Toxicological Information	Oral Toxicity (rats): Practically non-toxic (LD50: greater than 2000 mg/kg)
	Dermal Toxicity (rabbits): Practically non-toxic (LD50: greater than 2000 mg/kg)
	Inhalation Toxicity (rats): Practically non-toxic (LC50: greater than 5 mg/l)
	Eye Irritation (rabbits): Practically non-irritating. (Draize score: greater than 6 but 15 or less)
	Skin Irritation (rabbits): Practically non-irritating. (Primary Irritation Index: > than 0.5 but less than 3)
	Chronic Toxicology: Product not classified as a carcinogen. It contains less than .3% w/w DMSO extract as measured by IP-346.
	Ecotoxicity: No data available
	Environmental Fate: This material is not expected to present any environmental problems other than those associated with oil spills.
12. Ecological Information	This product is not regulated by CERCLA/RCRA as a hazardous waste or material. Therefore, it may be disposed of as an industrial waste in a manner acceptable to good waste management practice and in compliance with applicable local, state and federal regulations.
13. Disposal Considerations	Product and packaging must be disposed of in accordance with Federal, State and local regulations.
14. Transport Classification	DOT:
	Description Proper Shipping Name: Not regulated
	Hazard class: Not regulated
	ID Number: Not Regulated
	Packing Group: Not regulated
	Special Information: Not Applicable.
	IMO:
	Proper Shipping Name: Not regulated
	Hazard Class: Not regulated
	Packing Group: Not Applicable
	Special Information: Not applicable
	IMO Label: Not applicable
	Shipping Containers: Not applicable
15. Regulatory Information	TSCA: This material is in compliance with the TOXIC SUBSTANCE CONTROL ACT (15 USC 2601-2629) and is listed in the TSCA Inventory.
	HAZARD CATEGORIES FOR SARA 311/312 REPORTING

HEALTH	Immediate (Acute)	No
HEALTH	Delayed (Chronic)	No
PHYSICAL	Fire	No
PHYSICAL	Sudden release of pressure	No
PHYSICAL	Reactive	No
PHYSICAL	Nuisance Mist/ Dust Only	No

01=SARA 313	11=NJR TK	21=TSCA Sect 5(a)(2)
02=MASS RTK	12=CERCLA 302.4	22=TSCA Sect 6
03=NTP Carcinogen	13=MN RTK	23=TSCA Sect 12(b)
04=CA Prop 65-Carcin	14=ACGIM TWA	24=TSCA Sect 8(a)
05=CA Prop 65-ReproTox	15=ACGIH STEL	25=TSCA Sect 8(d)
06=IARC Group 1	16=ACGIH Calc TLV	26=TSCA Sect 4(a)
07=IARC Group 2A	17=OSHA PEL	27=Canadian WHMIS
08=IARC Group 2B	18=DOT Marine Pollutant	28=OSHA CEILING
09=SARA 302/304	20=EPA Carcinogen	
10=PA RTK		

The following components of this material are found on the regulatory lists indicated.

DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

Is found on lists: 14,15,17

NEW JERSEY RTK CLASSIFICATION:

Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A.

34:5A-1 et.seq., the product is to be identified as follows:

PETROLEUM OIL

16. Other Information

The information on this form is furnished solely for the purpose of compliance with the OSHA Act, and shall not be used for any other purpose. The information herein is given in good faith and is based on data considered accurate. However, no warranty, expressed or implied, is made regarding the accuracy of these data or the results to be obtained from the use thereof.

