



MOOREFLO RP 146B SDS

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product Name on Label: MOOREFLO RP 146B

Other Identification: N/A

Use of the substance/mixture: Rust prevention

Company name : MOORE OIL COMPANY
4033 WEST CUSTER AVE

MILWAUKEE, WI 53209 (414) 462-3200

Emergency number: (800) 424-9300 - CHEMTREC

SECTION 2: Hazards identification

NFPA RATING (SCALE 0-4) Health = 1 Flammability = 2 Reactivity = 0

EMERGENCY OVERVIEW: Do not ingest. Do not inhale dust. Use adequate ventilation and wash after handling.

GHS CLASSIFICATION:

Health

Acute Toxicity: Cat. 5

Eye Irritation: Cat. 2B

Skin Irritation: Cat. 3

Environmental

Acute Aquatic Toxicity: Not established

Chronic Aquatic Toxicity: Not established

GHS LABEL ELEMENTS:

Symbol(s):



Signal Word: Danger! Combustible liquid and vapor. Contains petroleum distillates.

Hazard Statements: Harmful or fatal if swallowed. May cause skin and eye irritation.

Precautionary Statements: Wear protective gloves/protective clothing/eye protection/face protection

IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or you feel unwell: Call a doctor/physician.

SECTION 3: Composition/information on ingredients

COMPONENT: Trade Secret

Mixture

NAME	PRODUCT IDENTIFIER	% BY WT
Cycloalkanes	C9-C-15	54-90%
Alkanes	C9-C-15	9-27%

SECTION 4: First aid measures

EYE CONTACT: Wash eyes with water for at least 30 minutes. If irritation persists, get medical attention.

SKIN CONTACT: Wash affected area with soap and water for approximately 30 minutes



MOOREFLO RP 146B SDS

INHALATION: Remove exposed person to fresh air.
INGESTION: Do not induce vomiting. Get immediate medical attention.

SECTION 5: Fire-fighting measures

EXTINGUISHING MEDIA: Use carbon dioxide, foam, sand or sodium bicarbonate.
SPECIAL FIRE FIGHTING PROCEDURES: Avoid breathing vapors or dusts. Use self-contained breathing apparatus with full face piece and protective clothing.
UNUSUAL FIRE AND EXPLOSIVE HAZARDS: None known

SECTION 6: Accidental release measures

IF MATERIAL IS RELEASED OR SPILLED: Contain spill and transfer to suitable containers. Stop leak if you can do it without risk.
Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. If material is too viscous for pumping scrape it up with shovels into suitable containers for recycle or disposal.
Large Spills: Dike far ahead of spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

SECTION 7: Handling and storage

STORAGE: Observe all federal, state and local regulations when storing or disposing of this substance. Keep away from incompatible substances.
Use good engineering practices to establish good ventilation. Avoid contact with skin, eyes and clothing. Wear suitable protective equipment to protect from contact. Avoid breathing mist or vapors. Wash skin thoroughly after handling. Store in closed containers away from extreme heat, sparks, open flame or oxidizing materials.

SECTION 8: Exposure controls/personal protection

SKIN PROTECTION: Wear appropriate protective gloves to prevent direct contact.
EYE PROTECTION: Wear safety goggles to prevent eye contact with substance.
RESPIRATORY PROTECTION: Under certain circumstances where airborne concentration are expected to exceed exposure limits, select a NIOSH/MSHA approved respirator based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

OTHER PROTECTIVE EQUIPMENT: Impervious apron if needed to avoid prolonged or repeated skin contact.

ENGINEERING CONTROLS: Good general ventilation and/or local exhaust ventilation at the point of generation is recommended.

PERSONAL PROTECTIVE EQUIPMENT (Pictograms):



SECTION 9: Physical and chemical properties



MOOREFLO RP 146B SDS

BOILING POINT:	192-205°C
VAPOR PRESSURE:	0.07 kPa(0.5 mm Hg) @20°C
SOLUBILITY IN WATER:	Insoluble
SPECIFIC GRAVITY:	0.794
APPEARANCE:	Amber Liquid
ODOR:	Solvent odor
VAPOR DENSITY:	>1
FLASH POINT:	66°C (Closed cup)
FLAMMABLE LIMITS	LOWER: 0.8% UPPER: 6%

SECTION 10: Stability and reactivity

STABILITY: This product is stable at ambient temperatures.

CONDITIONS TO AVOID: Extreme heat or cold.

INCOMPATIBILITY: Avoid contact with strong acids and strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Exposure to high temperatures, such as those associated with fires, causes product decomposition, resulting in the release of carbon monoxide, carbon dioxide, and other decomposition products.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: Toxicological information

POTENTIAL ACUTE HEALTH EFFECTS:

Eye: Eye contact may result in slight irritation and redness.

Skin: Short term contact with skin may result in slight to moderate skin irritation. Excessive or prolonged and repeated contact and poor hygiene conditions may result in dryness, dermatitis, erythema, oil acne, cracking and defatting of the skin.

Ingestion: May result in nausea or stomach discomfort.

Inhalation: Inhalation of vapors or mist may be irritating to respiratory passages. Target Organ for mineral oil mist is lungs. Prolonged exposure may result in dizziness and nausea.

POTENTIAL CHRONIC HEALTH EFFECTS:

Chronic effects: No known significant effects or critical hazards.

Target organs: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

SECTION 12: Ecological information

Eco-toxicity (aquatic and terrestrial, where available): N/A

Persistence and degradability: N/A

Bio-accumulative potential: N/A

Mobility in soil: N/A

Other adverse effects (such as hazardous to the ozone layer): N/A

SECTION 13: Disposal considerations

WASTE DISPOSAL: Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state and local regulations.



MOOREFLO RP 146B SDS

SECTION 14: Transport information

UN number: 1268

UN proper shipping name: Petroleum Distillates, Liquid, n.o.s. (contains naphtha solvent)

Transport hazard class(es): 3

Packing group, if applicable: III

SECTION 15: Regulatory information

SARA TITLE III:

ACUTE (IMMEDIATE HEALTH HAZARD): Yes

CHRONIC (DELAYED HEALTH HAZARD): Yes

SUDDEN PRESSURE RELEASE: No

FIRE HAZARD: Yes

REACTIVE HAZARD: No

CERCLA (Comprehensive Environment Response, Compensation and Liability Act):

There is no calculable reportable quantity (RQ) for this product. This product has been reviewed according to the EPA Hazard Categories promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986.

U.S. STATE REGULATIONS:

NEW JERSEY RIGHT-TO-KNOW:

No NJ Right-To-Know components exist in this product.

PENNSYLVANIA RIGHT-TO-KNOW:

No PA Right-To-Know components exist in this product.

CALIFORNIA PROPOSITION 65 CARCINOGENS:

This material may contain the following components which are known to the State of California to cause cancer and may be subject to the requirements of California Proposition 65:

Naphthalene: <0.001%

Ethylbenzene: <0.001%

Benzene: <0.0001%

Toluene: <0.0001%

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS:

This material may contain the following components which are known to the State of California to cause birth defects or other reproductive harm and may be subject to the requirements of California Proposition 65:

Naphthalene: <0.001%

Ethylbenzene: <0.001%

Benzene: <0.0001%

Toluene: <0.0001%

CLEAN WATER ACT: Under section 311 (b) (4) of this act, contamination of surface waters by petroleum products must be reported immediately to the National Response Center.

TSCA (TOXIC SUBSTANCE CONTROL ACT) STATUS:

All components of this formula are included in the TSCA inventory. This product does not contain nor was manufactured with Class 1 or 11 ozone depleting chemicals, Section 611 of the Clean Air Act.



MOOREFLO RP 146B SDS

SECTION 16: Other information

The information appearing in this document is based upon data obtained from raw material manufacturers and/or recognized technical sources. While this information is believed to be correct, MOORE OIL makes no representations as to its accuracy or sufficiency, usage or the hazards connected with the use of this material. Since this product may be applied under conditions unfamiliar to us or beyond our control, we claim no responsibility for the results of its use, and users are responsible for the verification of this information under their own operating conditions to determine whether the product is suitable for their particular purposes, and these users assume all risks of their use, handling, and disposal of the product. This information relates only to the product designated above and does not relate to its use in combination with any other process.