



ROYAL MANUFACTURING COMPANY, LP



MATERIAL SAFETY DATA SHEET



PRODUCT:
NFPA Rating:

SOLUBLE OILS
Flammability: 1, Reactivity: 0, Health:0

SECTION 1: MANUFACTURER AND LOCATION

Manufacturers Name: Royal Mfg Co LP
Address: P.O. Box 693, Tulsa, OK 74101- 0693
Telephone Number: (918) 587-5711
Emergency: 1-800-299-2671

SECTION 2: MATERIAL IDENTIFICATION AND INFORMATION

COMPONENT	CAS NUMBER	TLV/PEL (mg/M3)	WEIGHT %
PETROLEUM OIL	64741-88-4	5 (AS OIL MIST)	> 85
PROPRIETARY ADDITIVES		MIXTURE	NE < 15

The specific chemical names and composition of the components not disclosed is confidential business information and is withheld as permitted by 29CFR 1910.1200 and various state Right-to-Know laws.

This material is not known to contain any chemical listed as a carcinogen or suspected carcinogen by OSHA Hazard Communication Standard 29CFR 1910.1200, IARC, or the National Toxicology Program (NTP) at a concentration greater than 0.1%.

SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name:	SOLUBLE OILS
Form:	Liquid
Odor:	Slight petroleum odor
Specific Gravity (water = 1):	0.87
Melting Point:	NE
Boiling Point:	NE
Volatility, weight % at 25C:	Negligible
Evaporation Rate:	Negligible
Vapor Pressure, mmHg at 25C:	< 1 mm
Solubility in Water:	Insoluble
Stability:	Stable under normal conditions

SECTION 4: FIRE AND EXPLOSION DATA

Flashpoint (Cleveland Open Cup):	375F
Autoignition Temperature:	NE
Flammable Limits:	NE
Fire Extinguishing Agents:	Water Spray (fog), dry chemical, foam, halon, or carbon dioxide. Water stream may splash burning liquid and spread fire.
Special Fire Fighting Procedures:	As for petroleum products. Do not use direct or heavy water stream to fight fire. Use self-contained breathing apparatus to fight fires.

SECTION 5: FIRST AID

Contact with EYES:	Immediately flush with large quantities of cool water for at least 15 minutes. Get medical attention.
Contact with SKIN:	Wash off with soap and water.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.
Ingestion:	Do NOT induce vomiting. Get medical attention.

SECTION 6: REACTIVITY

Reactivity: Stable under normal temperatures and pressures.
Incompatibilities: Strong oxidizing agents, heat, open flame.
Hazardous Polymerization: Does not occur.
Hazardous Decomposition Products: CO₂, CO

SECTION 7: SPECIAL PROTECTION INFORMATION

Ventilation (Local, Mechanical, Special): Use in a well ventilated area with local exhaust ventilation.
Respiratory Protection: None required in normal use. Use only NIOSH/MSHA Organic vapor approved equipment if necessary.
Gloves: Not required in normal use.
Eye Protection: Goggles or safety glasses are recommended.
Other Protective Equipment: Practice good personal hygiene. Wash hands after use and handling.

SECTION 8: ENVIRONMENTAL PROCEDURES

Spills or Leaks: Contain any spills with absorbents to prevent migrations and entry into sewers or streams. Take up small spills with dry chemical absorbent. Large spills may be taken up with pump or vacuum and finished off with dry chemical absorbent. May require excavation of contaminated soil.
Waste Disposal: To the best of Royal Manufacturing Company, LP knowledge, this product is not regulated by CERCLA/RCRA as a hazardous waste or material. However, this product has not been tested for the toxicity characteristic via the Toxicity Characteristic Leaching Procedure. 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.
Right-to-Know: None

TSCA: This material is in compliance with the Toxic Substances Control Act (15USC2601-2629)

SECTION 9: STORAGE AND HANDLING

Keep containers sealed until ready for use. Avoid excessive long-term storage temperatures to prolong shelf life. Maximum storage temperature: 120F. Store in well ventilated areas.

SECTION 10: TRANSPORT

D.O.T. Shipping Name: Not Regulated
D.O.T. I.D. Number: NA
Reportable Quantity: NA
Freight Classification: NA
UN Hazard Class: NA
Special Transportation Notes: None

Notes:

NA = Not Applicable
NE = Not Established

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