

MATERIAL SAFETY DATA SHEET
RPO 6BF

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name RPO 6BF

Material type Barium-free, Low Odor, Corrosion Inhibitor

Classification/synonym(s) None/None

Product use Rust preventative and water displacer

Manufacturer address MASTER CHEMICAL CORPORATION
501 West Boundary
Perrysburg, OH 43551-1200
419-874-7902

Emergency telephone 800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOM.	CAS #	%RANGE
Petroleum oil	5mg/m ³ (mist)	5mg/m ³ (mist)	none	64742-58-1/ 64742-65-0	25-35

The exact chemical identities and percentages of the raw materials used in RPO 6BF are trade secrets. This information is being withheld as provided for in the Occupational Safety and Health Administration's Hazard Communication Rule (29 CFR 1910.1200).

3. HAZARDS IDENTIFICATION

Emergency overview Light brown liquid
No immediate hazard, concentrate is combustible
Fire may produce oxides of carbon

POTENTIAL HEALTH EFFECTS

Acute effects of overexposure	Eye contact	Transient irritation
	Skin contact	Nonirritant
	Inhalation	Nontoxic
	Ingestion	Nontoxic

**Chronic effects of
overexposure** None currently known

Product/Ingredients listed as carcinogen or potential carcinogen?	NTP Annual Report No	IARC Monographs No
	OSHA No	

Signs and symptoms of exposure None known

**Medical conditions generally
aggravated by exposure** None known

4. FIRST AID MEASURES

Emergency and first aid procedures	Eyes	Flush immediately with cool, clean water for at least 15 minutes
	Skin	Wash with mild soap and warm water
	Inhalation	Move to fresh air
	Ingestion	If large quantities are ingested, contact a physician

In every case get medical attention as required

5. FIRE FIGHTING MEASURES

Flash point (test method)	181 °F (83 °C) (COC)	Flammable limits Not determined
Extinguishing media	CO ₂ , dry chemical, foam, or water fog (do not use a direct stream of water)	
Special fire fighting procedures	None known	
Unusual fire and explosion hazards	None known	

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled	Mop up or use dry absorbent
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7. HANDLING AND STORAGE

Precautions to be taken in handling and storing	Keep away from heat, sparks, and flame. Keep the container tightly closed and stored in a cool place. Refer to container labels.
Other precautions	Static electricity may accumulate and create a fire hazard. Container should be grounded/bonded.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection (Specify type)	Not normally required. In high mist situations, use a NIOSH approved organic, vapor-type respirator.	
Ventilation	Local exhaust	Not normally required
	Mechanical (General)	General room ventilation should be sufficient
	Special	If mechanical ventilation is required, use explosion-proof equipment
	Other	None
Protective gloves	None normally required	
Other protective equipment	Wear protective clothing as required to minimize skin contact	
Eye protection	Safety glasses	
Exposure limits	None established by ACGIH or OSHA for product as whole Refer to Section 2	

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light brown liquid
Odor	Slight
pH of concentrate	Not applicable
Boiling point (ASTM D86)	378°F (192°C)
Freezing point	-40°F (-40°C)
Solubility in water	Insoluble
Specific gravity (H ₂ O=1)	0.800
V.O.C. Content (ASTM E1868-10)	493 g/l
Evaporation rate (butyl acetate=1)	0.019

10. STABILITY AND REACTIVITY

Stability	Stable	Conditions to avoid	None
Incompatibility (materials to avoid)	Strong acids and oxidizers		
Hazardous combustion or decomposition products	Thermal decomposition (fire) may produce oxides of carbon		
Hazardous polymerization	Will not occur	Conditions to avoid	None

11. TOXICOLOGICAL INFORMATION

Study	Test Animal	Results
Acute inhalation toxicity	Rat	nontoxic LC ₅₀ >202mg/l
Acute oral toxicity	Rat	nontoxic LD ₅₀ >5000mg/kg
Acute dermal toxicity	Rabbit	nontoxic LD ₅₀ >2000mg/kg
Primary skin irritation	Rabbit	nonirritant Primary Irritation Index = 2.21
Primary eye irritation	Rabbit	nonirritant

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Waste disposal method Must comply with local, state, and federal regulations. If pre-treatment is needed, chemical treatment or ultrafiltration may be used. Contact Master Chemical Tech Line (1-800-537-3365) for assistance.

14. TRANSPORT INFORMATION

Department of Transportation **DOT Hazard Class:** Combustible liquid
DOT Proper Shipping Name: NA1993, Combustible liquid, n.o.s. (contains hydrocarbons), combustible liquid, PG III
(Not regulated in containers <119 gallons)

15. REGULATORY INFORMATION

Resource Conservation and Recovery Act **EPA Hazardous Waste Number(s):** None
RPO 6BF is not classified as a hazardous waste by EPA.

Toxic Substances Control Act All RPO 6BF ingredients are listed on the TSCA Inventory of Chemical Substances.

Superfund Amendments and Reauthorization Act of 1986 RPO 6BF does not contain any SARA Title III Section 312/304 Extremely Hazardous Substances or Section 313 Toxic Chemicals.

16. OTHER INFORMATION

	HMIS Hazard Index	Concentrate	NFPA Rating
(Health)	H = 1		H = 1
(Fire)	F = 2		F = 2
(Reactivity)	R = 0		R = 0
(Personal Protection)	PP = A (safety glasses)		Special hazards = none

Key 0 = minimal 1 = slight 2 = moderate 3 = serious 4 = severe
This information is intended solely for the use of individuals trained in the particular system.

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