

SAFETY DATA SHEET



Date Prepared : 12/18/2014

SDS No : Metcor 57

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT FORMULATION NAME: Metcor 57

CHEMICAL FAMILY: Corrosion Inhibitor

MANUFACTURER

Metalloid Corporation

1160 White St

Sturgis, MI 49091

Emergency Contact: Robert Kowalski

Emergency Phone: 800-686-3201

E-Mail: b.kowalski@metalloidcorp.com

24 HR. EMERGENCY TELEPHONE NUMBERS

Poison Control Center (Medical) : (877) 800-5553

CHEMTREC (US Transportation) : (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Aspiration Hazard, Category 1

Physical:

Flammable Liquids, Category 3

GHS LABEL



Health
hazard



Flame

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H304: May be fatal if swallowed and enters airways.

H226: Flammable liquid and vapour.

H317: May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS

Prevention:

P264: Wash thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P240: Ground and bond container and receiving equipment.

P243: Take action to prevent static discharges.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P330: Rinse mouth.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

Storage:

P404: Store in a closed container.

P403+P235: Store in a well-ventilated place. Keep cool.

Disposal:

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P501: Dispose of contents/container in accordance with Local/State/Federal regulations

POTENTIAL HEALTH EFFECTS

EYES: Contact may cause eye irritation.

SKIN: Repeated or prolonged contact may cause skin irritation or dermatitis

INGESTION: May cause nausea, vomiting and abdominal pain

INHALATION: Dust may be slightly irritating to eyes and respiratory tracts.

MEDICAL CONDITIONS AGGRAVATED: May aggravate skin irritation/dermatitis

ROUTES OF ENTRY: Eyes, Skin

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
C9-C11 Isoalkanes	> 65	68551-16-6
Distillates, Petroleum, Hydrotreated Heavy Naphthenic	10 - 15	64742-52-5
2- Butoxyethanol	< 5	111-76-2

COMMENTS: Components are non hazardous as defined by OSHA Hazard Communication Rule 29 CFR 1910.1200 and not listed due to trade secrets

4. FIRST AID MEASURES

EYES: Flush immediately with cool, clean water for at least 15 minutes. If irritation persists, contact a physician

SKIN: Immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Seek immediate medical attention. Wash clothing before reuse and discard contaminated shoes.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Move person to fresh air; if effects occur, consult a physician.

NOTES TO PHYSICIAN: Based on the individual reactions of the patient, the physician's judgement should be used to control symptoms and clinical condition.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam

HAZARDOUS COMBUSTION PRODUCTS: Can include carbon oxides

FIRE FIGHTING PROCEDURES: Use water spray to cool containers exposed to flames. Fire fighting personnel should wear respiratory protection.

FIRE FIGHTING EQUIPMENT: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb with an inert material and place in an appropriate waste disposal container.

LARGE SPILL: Treat like an oil spill. Stop spill at the source. Dike area of spill to prevent spreading. Pump liquid into salvage container. Recover product if possible. Remaining liquid can be taken up with absorbent material and placed into appropriate containers.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep away from flame, sparks and hot liquid. Keep container closed when not in use. Avoid contact with eyes. Avoid prolonged or repeated skin contact with the concentrate. Wash thoroughly after handling. Do not swallow. Do not transfer to unlabeled container.

HANDLING: Containers should be grounded when transferring.

STORAGE: Keep container closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
2- Butoxyethanol	TWA	50	240	20	97	NL	NL
	STEL					NL	NL

ENGINEERING CONTROLS: General room ventilation should be sufficient. If mists are present, provide adequate ventilation to control level below PEL.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses or splash goggles when eye contact may occur.

SKIN: Oil resistant gloves recommended.

RESPIRATORY: Not normally needed. If significant mists, vapors or aerosols are generated an approved respirator is recommended.

WORK HYGIENIC PRACTICES: Use good hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.

OTHER USE PRECAUTIONS: If there is a likelihood of splashing, an oil resistant apron should be worn to prevent clothing contamination. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse. Keep an eyewash fountain available. Keep a safety shower available.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Characteristic

APPEARANCE: Liquid

COLOR: Clear light amber

PERCENT VOLATILE: 60

FLASH POINT AND METHOD: > (140°F) Closed Cup

BOILING POINT: > (360°F) at 760 mm HG

SOLUBILITY IN WATER: Negligible

SPECIFIC GRAVITY: 0.77 H₂O=1 at (70°F)

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur

STABILITY: Stable under normal conditions

CONDITIONS TO AVOID: Sources of ignition

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous reactions will not occur under normal transport or storage conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Products of combustion can include carbon oxides.

INCOMPATIBLE MATERIALS: Strong oxidizing agents. Strong acids.

11. TOXICOLOGICAL INFORMATION**CARCINOGENICITY**

Chemical Name	IARC Status
2- Butoxyethanol	3

COMMENTS: No specific toxicological data is available.

12. ECOLOGICAL INFORMATION

COMMENTS: No specific ecological data is available for this product.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of according to Local, State and Federal regulations. Not a RCRA hazardous waste if uncontaminated. If "used" RCRA criteria must be determined. Do not flush to drain/storm sewer.

EMPTY CONTAINER: Empty container retains product residue and can be hazardous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks, static electricity or other sources of ignition. Recondition or dispose of empty container in accordance with government regulations.

14. TRANSPORT INFORMATION**DOT (DEPARTMENT OF TRANSPORTATION)**

PROPER SHIPPING NAME: Flammable Liquids, n.o.s

PRIMARY HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: 1993

PACKING GROUP: III

OTHER SHIPPING INFORMATION: DOT Surface Shipping Description: Excepted from Hazmat (49CFR 173.150(F)) in non-bulk packagings.

15. REGULATORY INFORMATION**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

TITLE III NOTES: This product does not contain toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Distillates, Petroleum, Hydrotreated Heavy Naphthenic	64742-52-5
2- Butoxyethanol	111-76-2

TSCA REGULATORY: All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

16. OTHER INFORMATION

APPROVED BY: Robert Kowalski **TITLE:** Vice President of Research and Development

PREPARED BY: Alissa Simon **Date Prepared:** 12/18/2014

INFORMATION CONTACT: 1-800-686-3201

HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	2
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	B

GENERAL STATEMENTS: This information is for use of the purchaser only. This document should not be given to any outside organization without expressed consent from Metalloid Corporation.

MANUFACTURER DISCLAIMER: This product's safety data sheet provides health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information.