

SAFETY DATA SHEET



Date Prepared : 11/10/2014
 SDS No : Metsol 9000
 Date Revised : 06/15/2015
 Revision No : 1

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT FORMULATION NAME: Metsol 9000
CHEMICAL FAMILY: Water Soluble Metalworking Fluid

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

GHS LABEL



Health
 hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H304: May be fatal if swallowed and enters airways.

PRECAUTIONARY STATEMENTS

Prevention:

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

Response:

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

P331: Do NOT induce vomiting.

Disposal:

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

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Not expected to cause severe emergency hazard

POTENTIAL HEALTH EFFECTS

EYES: Contact may cause eye irritation.

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

INGESTION: Not expected under normal industrial exposure.

INHALATION: Not a normal hazard but may cause irritation.

MEDICAL CONDITIONS AGGRAVATED: May aggravate skin irritation/dermatitis

ROUTES OF ENTRY: Eyes, Skin, Inhalation

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Distillates, Petroleum, Hydrotreated Heavy Naphthenic	50 - 60	64742-52-5

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: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: If large quantities are ingested, contact a 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: This product contains amines. Do not add nitrite or other nitrosating agents to this product due to the potential for nitrosamine formation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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: Mineral Oil Odor

Metsol 9000

APPEARANCE: Liquid**COLOR:** Amber**PERCENT VOLATILE:** Negligible**FLASH POINT AND METHOD:** > (300°F) Closed Cup**BOILING POINT:** (200°F) at 760 mm HG**SOLUBILITY IN WATER:** Complete**SPECIFIC GRAVITY:** 0.97 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:** Can include carbon oxides, and hydrogen chloride.**INCOMPATIBLE MATERIALS:** Strong oxidizing agents. Strong acids.**11. TOXICOLOGICAL INFORMATION****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:** None**PRIMARY HAZARD CLASS/DIVISION:** Not Hazardous**OTHER SHIPPING INFORMATION:** This product is not considered hazardous according to DOT**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.**CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA REGULATORY:** This product does not contain any RQs or TPQs under this regulation.**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Distillates, Petroleum, Hydrotreated Heavy Naphthenic	64742-52-5

16. OTHER INFORMATION**APPROVED BY:** Robert Kowalski **TITLE:** Vice President of Research and Development**PREPARED BY:** Alissa Simon **Date Revised:** 06/15/2015

Metsol 9000

INFORMATION CONTACT: 1-800-686-3201**REVISION SUMMARY:** This SDS replaces the 05/13/2015 SDS. Revised: **Section 3: Wt.%.****HMIS RATING**

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