

SAFETY DATA SHEET



Date Prepared : 09/16/2014
SDS No : Metkleen 2080

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT FORMULATION NAME: Metkleen 2080
CHEMICAL FAMILY: Cleaner

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:

Acute Toxicity (Dermal), Category 4
Acute Toxicity (Inhalation), Category 4
Acute Toxicity (Oral), Category 4
Skin Corrosion, Category 1B

GHS LABEL



Exclamation
mark Corrosion

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H314: Causes severe skin burns and eye damage.
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H412: Harmful to aquatic life with long lasting effects.
H335: May cause respiratory irritation.

PRECAUTIONARY STATEMENTS

Prevention:

P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

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.
P302+P352: IF ON SKIN: Wash with plenty of water/...
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
P331: Do NOT induce vomiting.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Disposal:

P501: Dispose of contents/container to Local/State/Federal regulations.

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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:** 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, Inhalation**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Potassium Hydroxide	< 5	1310-58-3
Ethanol, 2-amino-	> 10	141-43-5

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**6. ACCIDENTAL RELEASE MEASURES****SMALL SPILL:** Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method.**LARGE SPILL:** Stop spill at the source. Pump liquid to 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 container closed when not in use**HANDLING:** Avoid contact with eyes. Avoid prolonged or repeated skin contact with the concentrate. Wash thoroughly after handling. Do not swallow. Do not transfer to an unlabeled container.**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****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
Ethanol, 2-amino-	TWA	3	6	3	7.5	NL	NL
	STEL			6	15	NL	NL

ENGINEERING CONTROLS: General room ventilation should be sufficient. If mists are present, provide adequate ventilation

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to control level below PEL.

PERSONAL PROTECTIVE EQUIPMENT

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

SKIN: Nitrile 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: Mild odor

APPEARANCE: Liquid

COLOR: Clear royal blue

BOILING POINT: > (200°F)

SOLUBILITY IN WATER: Complete

SPECIFIC GRAVITY: 1.02 at (70°F)

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur

STABILITY: Stable under normal conditions

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Products of combustion can include carbon oxides if all water has evaporated.

INCOMPATIBLE MATERIALS: Strong oxidizing agents. Strong acids. Strong bases.

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: In accordance with local and national regulations. Empty containers should be taken for local recycling, recovery or waste disposal. Empty containers retain product residue and may be hazardous.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PRIMARY HAZARD CLASS/DIVISION: None

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)

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Chemical Name	Wt. %	CERCLA RQ
Potassium Hydroxide	< 5	1,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Potassium Hydroxide	1310-58-3
Ethanol, 2-amino-	141-43-5

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:** 09/16/2014

INFORMATION CONTACT: 1-800-686-3201

HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	0
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.