



SAFETY DATA SHEET IPAX ATLANTIC-MICHIGAN LLC

Product Name: Mop Strip

Effective Date: 5-18-AD 2021

SDS#: 1217

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1. IDENTIFICATION

Product Identifier

Product Name: Mop Strip

Other means of identification

SDS#: #1217
Product Code: #M217
UN/ID No: UN1217

Recommended use of the chemical and restrictions on use.

Recommended Use: Buffing compound.

Details of the supplier of the safety data sheet

Supplier Address

Ipax Atlantic, LLC
8301 Lyndon Street
Detroit, Michigan 48238-2444

Emergency Telephone Number

Company Phone Number: (313) 933-4211
Emergency Telephone (24hr) (800) 930-4729

2. HAZARDS IDENTIFICATION

Appearance: Clear Liquid

Physical State: Liquid

Classification

Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity (single exposure)	Category 4

Hazards Not otherwise classified (HNOC)

May be harmful if swallowed.

Signal Word

Danger

Hazard Statements:

Causes severe skin burns and eye damage. May cause respiratory irritation. May cause drowsiness or dizziness

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3.HAZARDS IDENTIFICATION

Hazard Statements

Causes severe skin burns and eye damage. Causes severe skin burns and eye damage. May cause drowsiness or dizziness



Precautionary Statements – Prevention

Do not breathe dust/fume/gas/mist/vapors/spray.
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Use only outdoors or in a well-ventilated area.

Precautionary Statements – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing immediately call a poison center doctor/physician
IF ON SKIN (or hair): Remove/Take off immediately all contained clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Immediately call poison center control or doctor/physician
IF SWALLOWED: rinse mouth. Do NOT induce vomiting

Precautionary statements-Storage

Store locked up.
Store in a well ventilated place. Keep container tightly closed

4.COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS NO	Weight -%
Ethanolamine	141-43-5	5-10
Ethylene Glycol Monobutyl Ether	111-76-2	>9
Potassium hydroxide	1210-58-3	>2
Trade Secret	Proprietary	<3

If Chemical Name/CAS No is Proprietary and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret

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5.FIRST AID MEASURES

First Aid Measures

- Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.
- Skin Contact:** Wash with soap and water. If irritation persists, seek medical attention. Take Off contaminated clothing. Wash contaminated clothing before reuse.
- Inhalation:** Remove to fresh air, Call a physician immediately.
- Ingestion:** Drink large quantities of fruit juices or vinegar followed by large quantities of milk or egg whites. Do not induce vomiting. Never give anything by mouth to an unconscious person.



Most important symptoms and effects

- Symptoms** Corrosive to skin. In severe cases, burns, corneal, damage, and blindness may occur. Prolonged breathing of vapors may cause nausea, headache, weakness and/or dizziness. Ingestion causes acute irritation and burns to the mucous membranes of the mouth, trachea, esophagus and stomach.

Indication of any immediate medical attention and special treatment needed

- Note to Physician** Treat symptomatically.

6.FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Foam, carbon dioxide (CO₂), Water spray (fog).

Specific Hazards Arising Subscript from the Chemical

Floor will become slippery if material is released.

- Hazardous Combustion Products** Carbon oxides. Nitrogen.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) full protective gear. Use water spray to keep fire-exposed containers cool.

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7. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required. Remove all sources of ignition. Spills may be slippery.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage of spillage if safe to do so. Dike and contain spill.

Methods for Clean-Up Neutralize by adding diluted solutions of any of the following acids: Vinegar, citric acid, muriatic acid. Absorb product onto porous material such as sand diatomaceous earth or commercial absorbent material. Shovel up into leak proof containers. Dispose of in accordance with federal, state and local regulations.

8. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Read and follow all directions. Wash thoroughly after handling. (Use personal Protection recommended in Section 8). Do not breathe dust/fume/gas/mist/vapors/spray.

Conditions for safe storage, including any incompatibilities

Storage conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials. Store locked u. Protect from excessive heat. Keep from freezing. Keep away from food, drink and animal feedings stuffs. Keep out of the reach of children.

Incompatible Materials Acids. Strong alkalis, Oxidizers. Base metals.



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9.EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethanolamine 141-43-5	STEL: 6 ppm TWA: 3 ppm	TWA: 3 ppm TWA: 6 ppm (vacated) TWA: 3 ppm (vacated) TWA 8 mg/m ³ (vacated) STEL 6 ppm (vacated) STEL 15 mg/m ³	IDLH: 30 ppm TWA: 3 ppm TWA: 8 ppm STEL: 6 ppm STEL: 15 mg/m ³
Ethylene Glycol Monobutyl Ether 111-76-2	TWA: 20 ppm	TWA: 3ppm TWA: 50 ppm (vacated)TWA: 25 ppm (vacated TWA: 120 Mg/m ³ (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³
Potassium Hydroxide 1310-58-3	Ceiling: 2 mg/m ³	(vacated) Ceiling: 2 mg/m ³	Ceiling: 2 mg/m ³

Appropriate engineering controls

Engineering Controls

Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face

Chemical splash goggles.

Skin & Body Protection

Chemical resistant protective gloves.

Respiratory Protection

NIOSH-approved vapor respirator in the absence of proper environmental Control.

General Hygiene Considerations

Wash hands before breaks and immediately after handling the product. Take Off all contaminated clothing and wash it before reuse.

Information on basic physical and chemical properties

Physical State:

Liquid

Appearance:

Colorless

Color:

Clear

Property

Values

pH

>11

Melting Point/Freezing Point:

Not determined

Boiling Point/Boiling Range:

93 °C/200 °F

Flash Point:

None

Evaporation Rate

Slower than water.

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10. PHYSICAL AND CHEMICAL PROPERTIES (continued)

<u>Property</u>	<u>Values</u>	<u>Remarks * Method</u>
Flammable (solid, Gas)	n/a-liquid	
Upper Flammability Limits	Not applicable	
Lower Flammability Limit	Not applicable	
Vapor Pressure	20 mm Hg	
Vapor Density	Heavier than water	
Specific Gravity	20 mm Hg	
Water Solubility	Completely soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-Ignition temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic viscosity	Not determined	
Explosive properties	Not determined	
Oxidizing properties	Not determined	

11. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Extreme heat and open flames. Keep from freezing. Avoid contact with aluminum or other soft metals.

Incompatible Materials

Acids. Strong alkalis. Oxidizers. Base metals.

Hazardous Decomposition products

Carbon oxides. Nitrogen.

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12. TOXICOLOGICAL INFORMATION



Information on likely routes of exposure

Product information

Eye Contact	Causes severe eye damage.
Skin Contact	Causes severe skin burns.
Inhalation	Avoid breathing vapors or mists.
Ingestion	May be harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethanolamine 141-43-5	= 1720 mg/kg (Rat)	= 1 mL/kg (Rabbit) = 1025 mg/kg (Rabbit)	-
Ethylene Glycol Monobutyl Ether 111-76-2	= 470 mg/kg (Rat)	2270 mg/kg (Rat) = 220 mg/kg (Rabbit)	= 2.21 mg/L (Rat) 4 h =450 ppm (Rat) 4h
Potassium Hydroxide 1310-58-3	= 214 mg/kg (Rat)	-	-
Trade Secret	= 7200 mg/kg (Rat)	-	-
Trade Secret	= 1700 mg/kg	-	-

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of the SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity Not classifiable as a human carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethylene Glycol Monobutyl Ether 111-76-2	A3	Group 3		

Legend

AGGH (American conference of Governmental Industrial Hygienists)
A3 – Animal carcinogen
IARC (International Agency for Research on Cancer)
Group 3 IARC Components are “not classifiable as human carcinogens”

STOT –single exposure May cause respiratory irritation. May cause drowsiness or dizziness.

Numerical measures of toxicity

Not determined

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13. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Ethanolamine 141-43-5	15:72 h Desmodesmus Subspicatus mg/L EC50	227:96 h Pimephales promelas mg/L LC50 flow through 3684: 96h Brachydanio rerio mg/L LC50 static 200: 96 h Oncorhynchus mykiss mg/L LC50 flow-through	EC50 = mg/L 17 h EC50 = 12200 mg/L 2h EC50 =13.7 mg/L 30 min	65:48 h Daphnia magna mg/L EC50
Ethylene glycol monobutyl ether 111-76-2	500: 75 H Desmodesmus Subspecatus mg/l EC50	337-352 96 h Pimephales promelas mg/L LC50 flowthrough 366: 96 h Pimephales promelas mg/L LC50 static 220- 460 static	EC50 = 32.4 mg/L 5 min EC50 = 880 mg/L 17 h	500: 48h Daphnia magna mg/L DC to Static
Potassium hydroxide 1310-58-3		80:96h Gambusia affinis Mg/L LC50 static		
Trade Secret	1.01:72 h Desmodesmus Subspicatus mg/L EC 50	34 – 62: 96 h Lepomis macrochirus mg/L LC50 static 44.2 – 86.5: 96 h Pimephales promelas mg.L LC50 Static		113: 48 h Daphnia magna mg/L EC50 Static

Persistence/Degradability

Not Determined

Bioaccumulation

Not Determined

Mobility

Chemical Name	Partition Coefficient
Ethanolamine 141-43-5	-1.91
Ethylene Glycol Monobutyl Ether 111-76-2	0.81
Potassium Hydroxide 1310-58-3	0.83

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14. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Potassium hydroxide 1310-58	Toxic Corrosive

15. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN/ID No	UN1760
Proper Shipping Name	Corrosive liquid, n.o.s. (Potassium hydroxide, Ethanolamine)
Hazard Class	8
Packing Group	II

IATA

UN/ID No	UN1760
Proper Shipping Name	Corrosive liquid, n.o.s. (Potassium hydroxide, Ethanolamine).
Hazard Class	8
Packing Group	II

IMDG

UN/ID No	UN1760
Proper Shipping Name	Corrosive liquid, n.o.s. (Potassium Hydroxide, Ethanolamine).
Hazard Class	8
Packing Group	II

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16. REGULATORY INFORMATION

International Inventories

TSCA Listed

Legend:

- TSCA:** - United States toxic Substances Control Act Section 8(b) inventory
- DSL/NDSL:** - CANADIAN Domestic Substances List/Non-Domestic Substances Listed
- EINECS/ELINCS** – European Inventory of Existing Chemical substances/European List of Notified Chemical Substances.
- ENCS** – Japan Existing and New Chemical Substances
- IECSC** – China Inventory of Existing chemical Substances.
- PICCS** –Philippines Inventory of Chemicals and Chemical Substances.

US Federal Regulations

CERCLA

Chemical Name	Hazardous Substances RQ's	CERCLA/SARA RQ	Reportable Quantity (RQ)
Potassium hydroxide 1310-58-3	1000 lb		RRQ 1000 lb final RQ RQ 454 kg final RQ

SARA313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Ethylene Glycol Monobutyl Ether – 111-76-2	111-76-2	9	1.0

17. OTHER INFORMATION

<u>NRPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	Not determined	Not determined	Not determined	Not determined
<u>HMIC</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	1	1=Goggles, gloves, Respirator

Issue Date: 11-Dec.-2011
Revision Date: 5-18-AD 2021
Revision Note: none

Disclaimer

The information provided in this Safety Date Sheet is correct to the best of our knowledge, information and belief at The date of its publication. The information given is designed only as a guidance for safe handling, use processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet