



# SAFETY DATA SHEET

Date Issued : 03/21/2019

SDS No : 1J.96

Date Revised : 02/09/2021

Revision No : 3

## Mop & Strip Ultra

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Mop & Strip Ultra  
**PRODUCT DESCRIPTION:** Floor Finish Remover  
**PRODUCT CODE:** 1J.96

#### DISTRIBUTOR

MISCO INDUSTRIAL  
 109 Space Park N  
 Goodlettsville, TN 37072  
**Customer Service:** 615-334-1861

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

ChemTel #1-800-255-3924

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

Skin corrosion: Category 1C  
 Serious eye damage: Category 1

#### Health:

Skin Corrosion, Category 1  
 Eye Damage, Category 1  
 Acute Toxicity (Oral), Category 4  
 Specific target organ toxicity-single exposure, Category 3

#### GHS LABEL



Corrosion



Exclamation  
mark

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H227: Combustible liquid.  
 H302: Harmful if swallowed.  
 H314: Causes severe skin burns and eye damage.  
 H335: May cause respiratory irritation.

#### PRECAUTIONARY STATEMENTS

##### General:

P103: Read carefully and follow all instructions.  
 P102: Keep out of reach of children.

##### Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P264: Wash ... thoroughly after handling.  
 P270: Do not eat, drink or smoke when using this product.  
 P235: Keep cool.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P271: Use only outdoors or in a well-ventilated area.

##### Response:

2376NUS2: P305 + P351 + P338 + P310 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.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P310: Immediately call a POISON CENTER/doctor/...

#### Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

#### Disposal:

P502: Refer to manufacturer or supplier for information on recovery or recycling.

**ROUTES OF ENTRY:** Eyes, Inhalation, Skin

**TARGET ORGAN STATEMENT:** Liver, kidney, lungs and upper respiratory tract, gastrointestinal tract, eyes skin.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
2- Butoxyethanol	30 - 50	111-76-2
Ethanol, 2-amino-	10 - 20	141-43-5

### 4. FIRST AID MEASURES

**EYES:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

**SKIN:** Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of soap and water/shower. If skin irritation persists get medical attention.

**INGESTION:** Rinse mouth. Do not induce vomiting. Seek medical attention immediately.

**INHALATION:** Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or a doctor.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Causes severe irritation experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva.

**SKIN:** Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling and possible tissue destruction.

**INGESTION:** Harmful or fatal if swallowed. Corrosive. Can cause severe burns and complete tissue perforation of mucous membranes, mouth, throat and stomach.

**INHALATION:** High vapor concentrations may be irritating to the respiratory tract.

**CHRONIC EFFECTS:** 2-Butoxyethanol has caused red blood cell hemolysis in lab animals and secondary injury to the liver and kidney.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use water spray, fog or foam.

**FIRE FIGHTING PROCEDURES:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk without suitable training.

**FIRE FIGHTING EQUIPMENT:** In the event of a fire, wear full protective clothing and MSHA/NOISH (approved or equivalent) self-contained breathing apparatus with full facepiece operated in the pressure-demand or other positive pressure mode. Cool containers with flooding quantities of water until well after fire is out. Stay away from ends of tanks, structural firefighter's protective clothing is ineffective for fires involving this material.

**FIRE EXPLOSION:** Containers may build pressure and rupture.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Dioxide, Carbon Monoxide.

### 6. ACCIDENTAL RELEASE MEASURES

**GENERAL PROCEDURES:** Stop all leaks. isolate hazard area. Keep unnecessary and unprotected personnel from entering.

Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other

materials to containers for disposal.

**SPECIAL PROTECTIVE EQUIPMENT:** Use personal protection recommended in Section 8

## 7. HANDLING AND STORAGE

**STORAGE:** Do not use or store near heat, sparks or open flame. Store in a cool, dry place.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m <sup>3</sup>
2- Butoxyethanol	OSHA PEL	TWA	50	240
	ACGIH TLV	TWA	20	97
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Ethanol, 2-amino-	OSHA PEL	TWA	3	6
	ACGIH TLV	TWA	3	7.5
		STEL	6	15
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

**ENGINEERING CONTROLS:** Good general ventilation required.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses.

**SKIN:** Gloves made of plastic or rubber. Rubber boots. Suitable protective clothing. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear chemical resistant clothing such as gloves, apron, boots, or whole bodysuits made from neoprene, as appropriate

**RESPIRATORY:** When respiratory protection is required, use an oraganic vapor & particulate cartridge. All respiratory programs must meet OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**ODOR:** Butyl

**ODOR THRESHOLD:** Not Available

**APPEARANCE:** Clear liquid

**COLOR:** Colorless

**PHYSICAL STATE COMMENTS:** Liquid

**pH:** 11 to 13

**PERCENT VOLATILE:** 30

**FLASH POINT AND METHOD:** 154 Dgr. F

**AUTOIGNITION TEMPERATURE:** Not Available

**VAPOR PRESSURE:** Not Available

**VAPOR DENSITY:** Not Available

**BOILING POINT:** Not Available

**FREEZING POINT:** Not Available

**MELTING POINT:** Not Available

**THERMAL DECOMPOSITION:** Not Available

**SOLUBILITY IN WATER:** Complete

**EVAPORATION RATE:** Not Available

**VISCOSITY:** Not Available

**(VOC):** VOC content (wt.%): 40

**OXIDIZING PROPERTIES:** Not Available

**COMMENTS:** Relative Density: 1.05

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Under normal conditions of storage and use, hazardous reactions will not occur.

**STABILITY:** Stable Under Normal conditions.

**CONDITIONS TO AVOID:** High temperatures and sparks or open flames

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Monoxide (CO), Carbon Dioxide (CO<sub>2</sub>)

**INCOMPATIBLE MATERIALS:** Acids and strong oxidizers

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

**NOTES:** Monoethanolamine: Oral - LD<sub>50</sub>, rat 1720 mg/kg; Dermal - LD<sub>50</sub>, rabbit 1025 mg/kg

2-butoxyethanol: Ingestion - LD<sub>50</sub>, rat, 1300 mg/kg; Dermal LD<sub>50</sub>, guinea pig 1400 mg/kg; Inhalation - LC<sub>50</sub>, 1 hr, vapor, guinea pig > 3.1 mg/l

### CARCINOGENICITY

**NOTES:** This material is not listed as a carcinogen by IARC, NTP or OSHA.

## 12. ECOLOGICAL INFORMATION

**COMMENTS:** 2-butoxyethanol: EC<sub>50</sub>, Daphnia magna, static test, 48 h, immobilization: 1550 mg/l

Monoethanolamine: Fish LC<sub>50</sub>, Pimephales promelas (fathead minnow), 227 mg/l, 96 hr.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Corrosive Liquid, Basic, Organic, n.o.s. (contains Ethanolamine)

**PRIMARY HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** 3267

**PACKING GROUP:** II

**OTHER SHIPPING INFORMATION:** Certain shipping modes or package sizes may have exceptions from the transport regulations. the classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

## 15. REGULATORY INFORMATION

### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HEALTH HAZARDS:** ACUTE (X) Chronic (X)

**311/312 PHYSICAL HAZARDS:** Corrosive to Metals

**TITLE III NOTES:** Hazardous Categories - 40 CFR 370.2

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
2- Butoxyethanol	111-76-2
Ethanol, 2-amino-	141-43-5

**TSCA STATUS:** All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirement.

**RCRA STATUS:** Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s) D002

## 16. OTHER INFORMATION

**Date Revised:** 02/09/2021

**REVISION SUMMARY:** This SDS replaces the 02/08/2021 SDS. Revised: **Section 1:** Date Issued, Date Revised. **Section 2:** GHS CLASSIFICATIONS. **Section 9:** PERCENT VOLATILE, pH. **Section 15:** 311/312 PHYSICAL HAZARDS. **Section 16:** COMMENTS, HMIS RATING ( PHYSICAL HAZARD ).

### HMIS RATING

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

**COMMENTS:** Revision Date:02/08/2021

**MANUFACTURER DISCLAIMER:** This Manufacturer believes that the information contained in the Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of the publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, fules or insurance requirements.