

## 1. Identification

<b>Product Identifier</b>	<b>Ultra Strip</b>	
<b>Other means of identification</b>		
<b>Product code</b>	CU-2240	
<b>Recommended use</b>	Floor finish stripper.	
<b>Recommended restrictions</b>	Professional use only.	
<b>Manufacturer information</b>		
<b>Company name</b>	Chemical Universe, Inc.	
<b>Address</b>	1133 Saline St. North Kansas City, MO 64116	
<b>Telephone</b>	(816) 471-3602	
<b>Fax</b>	(816) 474-3302	
<b>Emergency phone number</b>	PERS	(800) 633-8253
	24-hour Emergency	(800) 633-8253

## 2. Hazard(s) Identification

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Acute toxicity	Category 2
	Serious eye damage	Category 1
	Skin corrosion	Category 1B
	Aspiration hazard.	Category 1
<b>Environmental hazards</b>	Not classified.	
<b>OSHA defined hazards</b>	Not listed.	

### Label elements



<b>Signal word</b>	<b>DANGER</b>
<b>Hazard statement</b>	May be harmful if swallowed. Causes severe skin burns and eye damage. May be fatal if swallowed and enters airways.
<b>Precautionary statement</b>	
<b>Prevention</b>	Do not breathe dusts or mists. Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response</b>	Call a POISON CENTER/doctor/medical professional if you feel unwell. <b>IF SWALLOWED:</b> Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor/medical professional. <b>IF ON SKIN (or hair):</b> Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. <b>IF INHALED:</b> Remove person to fresh air and keep comfortable breathing. Immediately call a POISON CENTER/doctor/medical professional. Specific treatment (see Section 4 on the Safety Data Sheet). <b>IF IN EYES:</b> Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Storage</b>	Store locked up.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.



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Hazard(s) not otherwise classified (HNOC) None.

Supplemental information None.

## 3. Composition/information on ingredients

Mixture Component(s)		
Chemical name	CAS number	%
2-butoxyethanol	111-76-2	15-25
Monoethanolamine	141-43-5	5-10
Benzyl alcohol	100-51-6	5-10
Other components below reportable levels		90-100

## 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
<b>Eye contact</b>	Rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention. Eye wash stations should be located in work area.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur. Do not induce vomiting.
<b>Most important symptoms/effects, acute and delayed</b>	Dermatitis. Rash. May cause an allergic skin reaction.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general support measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> )
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.
<b>Fire-fighting equipment/instructions</b>	Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted. Product is very caustic and may react with alkaline metals and zinc to generate hydrogen gas

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Wear appropriate protective equipment and clothing during clean-up. Wear eye/face protection.
<b>Methods and materials for containment and cleaning up</b>	Caution – spillages may be slippery.



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Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, storm sewers or confined areas. Surface decontamination can be affected using citric acid, vinegar or similar weak acidic material.

Small spills: Wipe up with absorbent material (e.g. cloth, absorbent wipes). Clean surface thoroughly to remove residual contamination.

Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS.

## Environmental precautions

Do not release into the environment (see section 12). Avoid discharge into areas not consistent with package labeling.

## 7. Handling and storage

### Precautions for safe handling

Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Store in original tightly closed container. Do not store in extreme conditions.

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
2-butoxyethanol	PEL	50 ppm
Monoethanolamine	PEL	3 ppm

#### US ACGIH Threshold Limit Values

Components	Type	Value
2-butoxyethanol	STEL	20 ppm
Monoethanolamine	STEL	6 ppm

### Biological limit values

#### ACGIH Biological Exposure Indices

Components	Value	Determinant	Species	Sampling Time
2-butoxyethanol	200 mg/g	Creatinine	Urine	End of shift.

### Appropriate engineering controls

Emergency eye wash stations and showers should be readily accessible. Provide natural or mechanical ventilation.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

#### Skin protection

##### Hand protection

Wear appropriate chemical resistant gloves. Nitrile, neoprene and PVC are recommended barrier materials

##### Other

Wear long sleeve shirts with full-length pants.

#### Respiratory protection

Respiratory protection not required under normal conditions of use

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

When using do not smoke or use chewing tobacco. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or



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smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

## 9. Physical and chemical properties

### Appearance

Physical State	Liquid.
Color	Colorless.
Odor	Butyl hydrocarbon
Odor threshold	Not available.
pH	11.5-12.5
Melting/freezing point	Not available.
Initial boiling point and boiling range	>212°F (100°C)
Flash point	>212°F (100°C)
Evaporation rate	Not available.
Flammability	Not available.
Flammability Limits	
Upper	Not available.
Lower	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity (water=1)	1.06
Solubility in water	Miscible.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Decomposes on heating.
Viscosity	Not available.

## 10. Stability and reactivity

Reactivity	This product is stable and non-reactive under normal conditions of use.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat, flames can cause product to decompose.
Incompatible materials	Strong acids, strong bases, strong oxidizing agents.
Hazardous decomposition products	Aldehydes, ketones, organic acids, carbon dioxide, carbon monoxide.

## 11. Toxicological information

### Information on likely routes of exposure

Ingestion	Corrosive to mucous membranes, will damage tissue if there is prolonged contact.
Inhalation	Expected to be a low inhalation hazard.
Skin contact	Repeated and/or prolonged skin contact will cause burns.
Eye contact	Causes severe eye damage. May cause severe corneal injury.



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**Symptoms related to the physical, chemical and toxicological characteristics** Dermatitis. Rash. May cause an allergic skin reaction.

**Acute toxicity** May be harmful if swallowed.

Product Ultra Strip (CAS mixture)		
Exposure Classification	Route and Species	LD <sub>50</sub> /LC <sub>50</sub>
Acute	Oral, rat	>3,500 mg/kg (estimated)
Acute	Dermal, rabbit	>2,000 mg/kg (literature)

\*Estimates for product may be based on additional component data not shown

**Skin corrosion/irritation** Causes severe skin burns.

**Serious eye damage/irritation** Causes serious eye damage.

**Respiratory sensitization** Not classified.

**Skin sensitization** Not classified.

**Germ cell mutagenicity** Not classified.

**Carcinogenicity** Not considered a carcinogen.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)** Not Listed.

**Reproductive toxicity** Not classified.

**Specific target organ toxicity – single exposure** Not classified.

**Specific target organ toxicity – repeated exposure** Not classified.

**Aspiration hazard** May be fatal if swallowed and enters airways.

## 12. Ecological information

Ecotoxicity		
Product Ultra Strip (CAS mixture)		
Aquatic	Species	Test Thresholds
Crustacea	Daphnia magna (water flea)	EC <sub>50</sub> (48hr): 206.6 mg/L (estimated)
Fish	Fathead Minnow	LC <sub>50</sub> (96hr): 78 mg/L (estimated)

\*Estimates for product may be based on additional component data not shown

**Persistence and degradability** No data available.

**Bio-accumulative potential** No data available. Components are not expected to accumulate in dynamic biological systems

**Mobility in soil** Not available. Chemicals of these classes are expected to exhibit moderate to moderate mobility in saturated and semi-saturated soils

**Other adverse effects** The pH of this product may cause it to be toxic to aquatic and terrestrial organisms.

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. Do not release to the environment.

**Local disposal regulations** Dispose in accordance with all applicable regulations

**Waste from residues/unused product** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.



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(See: Disposal instructions). As packaged, this product is not believed to meet criteria defining hazardous wastes when disposed. (40 CFR Part 261, Subpart C) The waste generator must always accurately assess wastes to determine proper identification and disposal.

## Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.

## 14. Transport information

### DOT

UN number	UN1760
UN proper shipping name	Corrosive Liquids, n.o.s. (Contains: Monoethanolamine)
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Packaging group	III
Marine pollutant	No
Special precautions for user	Read safety instructions, SDS, and emergency procedures before handling.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not intended to be transported in bulk.
DOT Label /Placard	



## 15. Regulatory information

### US federal regulations

**SARA 302 Extremely hazardous substance** Not listed.

**SARA 304 Emergency release notification** Not listed.

### SARA 311/312 Hazard Categories

Immediate Hazard - Yes

Delayed Hazard – No

Fire Hazard – No

Pressure Hazard – No

Reactivity Hazard – No

### SARA 313 (TRI reporting)

2-butoxyethanol (Glycol Ether Category)

### California Proposition 65

#### California Safe Drinking Water and Toxic Enforcement Act of 1986

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to threshold determination and Safe Harbor notification (1/2019)

## 16. Other information, including date of preparation or last revision

**Issue date** 1/14/2015  
**Revision date** 4/17/2019  
**Version #** 2  
**HMIS® ratings** Health: 2  
 Flammability: 0  
 Physical hazard: 0



**NFPA ratings** Health: 2  
 Flammability: 0  
 Instability: 0



**Disclaimer** The information provided in this Safety Data Sheet is correct to the best of our knowledge, and have been obtained from resources believed to be reliable. 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 related 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 by the text.

**Revision information** 4/17/2019 Change oral toxicity category from 5 to 4 definition)