



## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product identifier**

**Product name** Cynamic Build Up Stripper

**Other means of identification**

**Product Code** X000333  
**UN/ID No** UN1993  
**Document** 000333CG1-4/ 000333CG5/ 000333CG55

**Recommended use of the chemical and restrictions on use**

**Recommended use** Low energy floor stripper

**Details of the supplier of the safety data sheet**

**Distributor**

Cynamic Chemical  
 1472 Louis Bork Drive  
 Batavia, IL 60510

**Emergency telephone number**

**24 Hour Emergency Phone Number** INFOTRAC: 1-800-535-5053 (NORTH AMERICA)  
 1-352-323-3500 (INTERNATIONAL)

**Company Phone Number** 630-761-8770

## 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Flammable liquids	Category 4

**Label elements**

**Emergency Overview**

**Danger**

**Hazard Statements**

Harmful if swallowed  
 Harmful if inhaled  
 Causes severe skin burns and eye damage  
 May cause respiratory irritation. May cause drowsiness or dizziness  
 May cause damage to organs through prolonged or repeated exposure  
 Combustible liquid



**First aid measures for different exposure routes**

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye contact</b>	Immediately flush eye with plenty of cool, running water. Remove contact lenses if applicable, and continue flushing for at least 15 minutes, holding eyelids apart to ensure thorough rinsing of the entire eye. GET IMMEDIATE MEDICAL ATTENTION.
<b>Skin contact</b>	Wash with water for 10-15 minutes. Remove contaminated clothing. Consult a physician.
<b>Inhalation</b>	Remove to fresh air. Give oxygen and/or artificial respiration if necessary to support or restore breathing.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water to dilute contents in stomach. Consult a physician.
<b>Protection of First-aiders</b>	Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

**Most important symptoms/effects, acute and delayed**

<b>Main Symptoms</b>	The most important known symptoms and effects are described in the labelling in section 2 and/or in section 11.
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**Indication of immediate medical attention and special treatment needed, if necessary**

<b>Notes to physician</b>	Treat symptomatically.
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**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Dry chemical. Carbon dioxide (CO<sub>2</sub>). Alcohol-resistant foam.

**Unsuitable Extinguishing Media** This product contains alcohols which will reduce the effectiveness of normal foam. Use alcohol-resistant foam instead.

**Specific hazards arising from the chemical**

No information available.

**Hazardous Combustion Products** Carbon monoxide. Nitrogen oxides (NO<sub>x</sub>).

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Avoid contact with skin, eyes and clothing. Use personal protective equipment. Ensure adequate ventilation. Avoid breathing in spray mist or vapors.
<b>Other information</b>	Common Weak Acids suitable for neutralizing caustic alkalis: acetic acid, citric acid, lemon juice, tartaric acid, vinegar.

**Environmental precautions**

**Environmental precautions** Keep out of waterways. Neutralization is normally necessary before waste water is discharged into water treatment plants. See Section 12 for additional Ecological Information.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Dike to contain spill and prevent entry into sewers, waterways, and low areas. Neutralize with dilute acid.

**Methods for cleaning up** Mop up & flush neutralized material to sewer with plenty of water.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling** KEEP OUT OF REACH OF CHILDREN. Wash thoroughly after handling. Store away from acid and sources of ignition. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Ensure adequate ventilation.

**Conditions for safe storage, including any incompatibilities**

**Technical measures/Storage conditions** Keep container in cool well-ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children.

**Incompatible products** Oxidizing agents. Incompatible with strong acids and bases.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines** Review Section 3 & 4 for Exposure Guidelines.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>
Ethanolamine 141-43-5	STEL: 6 ppm TWA: 3 ppm	TWA: 3 ppm TWA: 6 mg/m <sup>3</sup>	IDLH: 30 ppm TWA: 3 ppm TWA: 8 mg/m <sup>3</sup> STEL: 6 ppm STEL: 15 mg/m <sup>3</sup>

*NIOSH IDLH: Immediately Dangerous to Life or Health*

**Appropriate engineering controls**

**Engineering Measures** Ensure adequate ventilation and that running water is available for washing eyes and skin  
**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Splash-proof chemical goggles or face shield.

**Skin and body protection** Wear appropriate chemical resistant clothing and chemical resistant gloves.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures** Do not eat, drink or smoke when using this product. Practice good personal hygiene. Wash after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	Butyl Odor
<b>Appearance</b>	Transparent	<b>Odor Threshold</b>	No information available
<b>Color</b>	Purple		

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
<b>pH</b>	13	
<b>Melting/freezing point</b>	No information available	
<b>Boiling point/boiling range</b>	> 100 °C > 212 °F	
<b>Flash Point</b>	65.56 °C / 150 °F	TCC
<b>Evaporation rate</b>	Slower than water	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limits in Air</b>		
<b>Upper flammability limit</b>	No information available	
<b>Lower flammability limit</b>	No information available	
<b>Vapor pressure</b>	NE	
<b>Vapor density</b>	NE	
<b>Relative density</b>	0.982 +/- 0.005	
<b>Water solubility</b>	Completely soluble.	Completely soluble.
<b>Solubility in other solvents</b>	No information available	
<b>Partition coefficient: n-octanol/water</b>	No information available	
<b>Autoignition temperature</b>	No information available	
<b>Decomposition temperature</b>	No information available	
<b>Viscosity, kinematic</b>	No information available	
<b>Viscosity, dynamic</b>	No information available	
<b>Explosive properties</b>	No information available	
<b>Oxidizing Properties</b>	No information available	

**Other information**

<b>Softening point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>VOC Content(%)</b>	< 60%
<b>Density VALUE</b>	No information available
<b>Bulk Density VALUE</b>	No information available

**10. STABILITY AND REACTIVITY****Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to Avoid**

Extremes of temperature and direct sunlight.

**Incompatible Materials**

Oxidizing agents. Incompatible with strong acids and bases.

**Hazardous Decomposition Products**

May produce oxides of carbon and nitrogen on burning.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Product Information</b>	Harmful if swallowed Harmful if inhaled. Causes severe skin burns and eye damage. May cause respiratory irritation May cause drowsiness or dizziness
<b>Inhalation</b>	Irritating to respiratory system. May cause central nervous system depression with nausea, headache, dizziness, and incoordination.
<b>Eye contact</b>	Severely irritating to eyes.
<b>Skin contact</b>	Contact causes severe skin irritation and possible burns. May be absorbed through the skin

in harmful amounts.

**Ingestion**

Severe irritation of the gastrointestinal tract, causing vomiting, nausea and burns. May cause central nervous system depression. May cause adverse kidney effects.

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
2-Butoxyethanol 111-76-2	= 470 mg/kg ( Rat )	= 99 mg/kg ( Rabbit )	= 450 ppm ( Rat ) 4 h
Ethanolamine 141-43-5	= 1720 mg/kg ( Rat )	= 1000 mg/kg ( Rabbit ) = 1 mL/kg ( Rabbit )	-
Alcohols, C12-16, ethoxylated 68551-12-2	2000 mg/kg (Rat)	-	-

**Information on toxicological effects****Symptoms**

No information available.

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

No information available.

**Mutagenic effects**

No information available.

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
2-Butoxyethanol 111-76-2	A3	Group 3	-	-

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**Reproductive toxicity**

No information available.

**STOT - single exposure**

May cause respiratory irritation. May cause drowsiness or dizziness.

**STOT - repeated exposure**

Causes damage to organs through prolonged or repeated exposure.

**Chronic toxicity**

May cause liver and kidney damage.

**Target Organ Effects**

Central nervous system, Liver, Kidney.

**Aspiration hazard**

No information available.

**Numerical measures of toxicity - Product Information****Unknown Acute Toxicity**

2.5067% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

**Oral LD50**

987.00 mg/kg

**Dermal LD50**

2,115.00 mg/kg

**Mist**

2.90 mg/l

**Vapor**

978.00 mg/l

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

2.5067% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
2-Butoxyethanol 111-76-2	-	1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50	1698 - 1940: 24 h Daphnia magna mg/L EC50 >1000: 48 h Daphnia magna mg/L EC50
Ethanolamine 141-43-5	15: 72 h Desmodosmus subspicatus mg/L EC50	227: 96 h Pimephales promelas mg/L LC50 flow-through 3684: 96 h Brachydanio rerio mg/L LC50 static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 200: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static	65: 48 h Daphnia magna mg/L EC50

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

Chemical Name	Partition coefficient
2-Butoxyethanol 111-76-2	0.81
Ethanolamine 141-43-5	-1.91

**Other adverse effects** No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment**

**Waste Disposal Methods** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

**14. TRANSPORT INFORMATION**

**Note** May be shipped as limited quantity.

**DOT** Regulated  
**UN/ID No** UN1993  
**Proper shipping name** Combustible liquid, n.o.s., (Contains Ethylene Glycol Monobutyl Ether)  
**Hazard class** 3  
**Packing Group** III  
**Emergency Response Guide Number** 128

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies  
**DSL/NDSL** Complies  
**EINECS/ELINCS** Complies  
**ENCS** Complies  
**IECSC** Complies  
**KECL** Complies  
**PICCS** Complies  
**AICS** Complies

**Legend:**

**TSCA** - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances  
 KECL - Korean Existing and Evaluated Chemical Substances  
 PICCS - Philippines Inventory of Chemicals and Chemical Substances  
 AICS - Australian Inventory of Chemical Substances

### U.S. Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	SARA 313 - Threshold Values %
2-Butoxyethanol - 111-76-2	1.0

#### SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	no
Fire Hazard	Yes
Sudden Release of Pressure Hazard	no
Reactive Hazard	no

#### Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### U.S. State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

This product contains substances regulated by state right-to-know regulations.

Chemical Name	New Jersey	Massachusetts	Pennsylvania
2-Butoxyethanol 111-76-2	X	X	X
Ethanolamine 141-43-5	X	X	X

### 16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards 2	Flammability 2	Instability 0	Physical and chemical hazards COR
<u>HMIS</u>	Health hazard 2	Flammability 2	Physical hazards 0	Personal protection X

Prepared By Cynamic Chemical  
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 Batavia, IL 60510

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Issue Note

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#### Disclaimer

The information provided in this Safety Data 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**