

ZOOM

1. IDENTIFICATION			
Product name	ZOOM		
Product code	03-12051	Other means of identification	Not available.
Supplier	International Stoneworks, Inc. 8650 Fairbanks N Houston Rd. Houston, Texas 77064 713-956-8291		
Identified uses	Other non-specified industry: Industrial and professional Floor stripper	Uses advised against	This product is not intended for domestic use. Use diluted product according to manufacturer's instructions.
Date of issue (VVVV-MM-DD)	: 2023-02-16	In case of emergency Emergency phone: CANUTEC (613) 996-6666 (Collect calls accepted)	

2. HAZARDS IDENTIFICATION			
Information in this section only concerns the product as supplied. Contact your account manager to get more information on diluted form hazards identification.			
Product Classification	SKIN CORROSION • Category 1 SERIOUS EYE DAMAGE • Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) • Category 3		
Signal word	Danger	Hazard pictograms	
Hazard statements	Causes severe skin burns and eye damage. May cause respiratory irritation.		
<u>Precautionary statements</u>			
Prevention	Wear protective gloves: < 1 hour (breakthrough time): Chemical-resistant, impervious gloves. Wear protective clothing. Wear eye or face protection: Recommended: safety glasses with side-shields. Use only outdoors or in a well-ventilated area. Avoid breathing vapor. Wash thoroughly after handling.		
Response	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor. IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse. 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 or doctor.		
Storage	Store locked up. Store in a well-ventilated place. Keep container tightly closed.		
Disposal	Dispose of contents and container in accordance with all local, regional, national and international regulations.		
Supplemental label elements	No additional information.		
Other hazards which do not result in classification	None known.		

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture : Mixture

	CAS number	% (w/w)
2-(2-butoxyethoxy)ethanol	112-34-5	10 - 30
2-aminoethanol	141-43-5	5 - 10
2-phenoxyethanol	122-99-6	5 - 10

Occupational exposure limits, if available, are listed in Section 8.

4. FIRST AID MEASURES

Description of required first aid measures

Eye contact	In case of contact with eyes, flush with fresh water. Check for and remove any contact lenses. Continue rinsing. If irritation persists, get medical attention. Chemical burns must be treated promptly by a physician. Get medical attention if blistering occurs or redness persists.
Skin contact	Rinse with water. Remove contaminated clothing and wash it before reuse. Chemical burns must be treated promptly by a physician. Get medical attention if blistering occurs or redness persists.
Ingestion	Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Chemical burns must be treated promptly by a physician. Get medical attention if symptoms occur.
Inhalation	Move victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Get medical attention. If necessary, call a poison center or physician. Maintain an open airway.

Most important symptoms/effects, acute and delayed

Eye contact	Adverse symptoms may include the following: pain watering redness
Skin contact	Adverse symptoms may include the following: pain or irritation redness blistering may occur
Ingestion	Adverse symptoms may include the following: stomach pains
Inhalation	Adverse symptoms may include the following: respiratory tract irritation coughing

Notes to physician Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

See toxicological information (Section 11)

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media None known.

Specific hazards arising from the chemical In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides

Special fire-fighting procedures Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Initiate spill response procedures if required.
Personal protection	Put on appropriate personal protective equipment (see Section 8).
Cleaning method	Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See Section 8 for additional information on hygiene measures.
Storage and Incompatibility	Store in accordance with local regulations. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Keep out of reach of children. Store away from incompatible materials (see Section 10).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

Ingredient name	Exposure limits
2-(2-butoxyethoxy)ethanol	CA Ontario Provincial (Canada, 6/2019). TWA: 10 ppm 8 hours. Form: Inhalable fraction and vapor. CA Alberta Provincial (Canada, 6/2018). Skin sensitizer. 8 hrs OEL: 7.5 mg/m ³ 8 hours. 8 hrs OEL: 3 ppm 8 hours. 15 min OEL: 15 mg/m ³ 15 minutes. 15 min OEL: 6 ppm 15 minutes. CA British Columbia Provincial (Canada, 1/2020). TWA: 3 ppm 8 hours. STEL: 6 ppm 15 minutes. CA Ontario Provincial (Canada, 6/2019), TWA: 3 ppm 8 hours. STEL: 6 ppm 15 minutes. CA Quebec Provincial (Canada, 7/2019), TWAF<: 3 ppm 8 hours. TWAF>: 7.5 mg/m ³ 8 hours. STEV: 6 ppm 15 minutes. STEV: 15 mg/m ³ 15 minutes. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 6 ppm 15 minutes. TWA: 3 ppm 8 hours. CA Ontario Provincial (Canada, 1/2018). Absorbed through skin. TWA: 141 mg/m ³ 8 hours. TWA: 2.5 ppm 8 hours.
2-aminoethanol	
2-Phenoxyethanol	

Appropriate engineering controls Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Individual protection measures

Eye/face protection	Continued or severe exposures might be required to wear a face shield or chemical splash goggles. It is minimally suggested to wear safety glasses while using or handling this product.
Hands and Body protection	It is suggested to wear chemical-resistant gloves while using or handling this product. No special protective clothing is required.
Respiratory protection	No specific protective equipment required under normal use conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid. [Transparent liquid]	pH	12.5	Flash point	Closed cup: 95°C (203°F) [Pensky-Martens] [Product does not sustain combustion.]
Color	Colorless.	Relative density	1.024	Melting point	Not available.
Odor	solvent [Slight]	Viscosity	Not available.	Boiling point	Not available.
Odor threshold	Not available.	Vapor pressure	Not available.	Fire point	Not available.

Solubility in water	: Not available.	Vapor density	Not available.	Evaporation rate	Not available.
Decomposition temperature	Not available.		Auto-ignition temperature	Not available.	
Partition coefficient: n-octanol/water	Not applicable.		Flammability (solid, gas)	Not available.	
Lower and upper explosive (flammable) limits	Not available.				

10. STABILITY AND REACTIVITY

Reactivity	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	The product is stable.
Incompatible materials	Reactive or incompatible with acids.
Conditions to	No specific data.
Possibility of hazardous reactions	May cause an exothermic reaction in presence of acids.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Route of exposure	Routes of entry anticipated: Dermal. Routes of entry not anticipated: Oral, Inhalation.			
Eye contact	Potential acute health effects May cause eye burn		Symptoms Adverse symptoms may include the following: pain watering redness	
Skin contact	May cause skin burns		Adverse symptoms may include the following: pain or irritation redness blistering may occur	
Ingestion	May cause burns to mouth, throat and stomach.		Adverse symptoms may include the following: stomach pains	
Inhalation	May cause respiratory irritation. Inhalation of vapors or mist may cause respiratory tract irritation.		Adverse symptoms may include the following: respiratory tract irritation coughing	
Toxicity data				
Product/ingredient name	Result	Species	Dose	Exposure
2-(2-butoxyethoxy)ethanol	LDS0 Dermal LDS0 Oral	Rabbit Rat	2700 mg/kg 3660 mg/kg	
2-aminoethanol	LD50 Dermal LOSO Oral	Rabbit Rat	1000 mg/kg 1720 mg/kg	
2-Phenoxyethanol	LDS0 Dermal LDS0 Oral LD50 Oral LDS0 Oral	Rabbit Rat Rabbit Rat	2000 mg/kg 14422 mg/kg >1400 mg/kg 1260 mg/kg	.

Information on toxicological effects	
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.
Sensitization	Not available.
Carcinogenicity	No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

Ecotoxicity data

Product/ingredient name	Result	Species	Exposure
2-(2-butoxyethoxy)ethanol	Acute LCS0 1300000 µg/l Fresh water	Fish • Lepomis macrochirus	96 hours
2-aminoethanol	Acute ECS0 22 mg/l	Algae	72 hours
	Acute ECS0 8.42 mg/l Fresh water	Algae - Desmodesmus subspicatus	72 hours
	Acute ECS0 65 mg/l	Daphnia	48 hours
	Acute LCS0 >100000 µg/l Marine water	Crustaceans - Crangon crangon - Adult	48 hours
	Acute LCS0 170 mg/l	Fish	72 hours
2-Phenoxyethanol	Acute LCS0 170 mg/l Fresh water	Fish • Carassius auratus	96 hours
	Acute LCS0 344000 µg/l Fresh water	Fish - Pimephales promelas	96 hours

Persistence and degradability : Unknown **Bioaccumulative potential** : Unknown **Mobility in soil** : Unknown **Other adverse effects** : Unknown

13. DISPOSAL CONSIDERATIONS

Disposal methods Dispose content and container in accordance with local, regional and national regulation in force.

14. TRANSPORT INFORMATION

UN number	UN proper shipping name	Transport hazard class (es)	Packing group (es)	TOG Placard
TOG Classification	UN1760 CORROSIVE LIQUIDS, N.O.S. (Ethanolamine)	III		

Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.40-2.42 (Class 8).

Remarks Limited Qt Index SL

Additional information See shipping documents for specific information on DOT, IMDG or IATA

15. REGULATORY INFORMATION

Canadian lists

Canadian NPRI None of the components are listed.

CEPA Toxic substances None of the components are listed.

Canada inventory All components are listed or exempted.

International lists

United States Not determined.

16. OTHER INFORMATION

Hazardous Material Information System (U.S.A.)

Health Hazard	3
Fire Hazard	1
Reactivity	0
Personal Protection	B

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