

**1. Product and company identification**

Product name : ZOOM Code  
 Date of Issue(yyyy/mm/dd) : 2018-08-01. Material uses : Other non-specified industry: Industrial and professional Floor stripper  
 Supplier International Stoneworks, Inc.  
 8650 Fairbanks N. Houston Rd.  
 Houston, TX. 77064  
 713-956-8291

In case of emergency: Emergency phone: CANUTEC (613) 996-6666 (Collect calls accepted)

**2. Hazards identification**

Potential hazards described in this section are not expected when manufacturer's direction for use and proper security measures are observed.

Physical state : Liquid/Transparent liquid Odor : Butyl

2.1 Classification **8**

**2.2 Label Elements**

Symbol(s)



Signal Word

**DANGER**

**Emergency overview**

Corrosive to the eyes, skin and digestive tract. Causes burns. May be harmful if swallowed. Irritating to respiratory system. Do not breathe vapor or mist. Do not ingest. Do not get in eyes or on skin or clothing. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling.

**Routes of entry**

Dermal contact. Eye contact. Inhalation. Ingestion.

**Potential acute health effects**

**Inhalation** : Irritating to respiratory system. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. Not a usual way of absorption

**Ingestion** Harmful if swallowed. Corrosive to the digestive tract. Causes burns.

**Skin** Corrosive to the skin. Causes burns.

**Eyes** Corrosive to eyes. Causes burns.

See toxicological Information (Section 11) for more details.

**Precautionary Statements**

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P280 -

Wear eye protection/ face protection

P285 - In case of inadequate ventilation wear respiratory protection

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

**3. Composition/information on ingredients**

Name	CAS number	%4 (w/W)
2-butoxyethanol	111-76-2	10 - 30
2-aminoethanol	141 -43-5	5 - 10
3-butoxypropan-2-ol	5131-66-8	5 -10
Tetrasodium salt of ethylene-diaminetetraacetic acid	64-02-8	1 - 5

There are no additional Ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

**4. First aid measures**

**Eye contact** : Check for and remove any contact lenses. Flush eyes with water, occasionally lifting the upper and lower eyelids. Get medical attention if irritation persists or if symptoms develop.

**Skin contact** : In case of contact flush with water. Get medical attention if irritation develops.

**Inhalation** : There are no specific inhalation hazard associated with this product when directions for uses are followed. No specific measures required.

**Ingestion** : Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

## 5. Fire-fighting measures

Flammability of the product	In a fire or if heated, a pressure increase will occur, and the container may burst
<b>Extinguishing media</b>	
Suitable	Use an extinguishing agent suitable for the surrounding fire.
Not suitable	None known.
Special exposure hazards	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 or without suitable training.
Hazardous thermal decomposition products	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides metal oxide/oxides
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

<b>Personal precautions</b>	: 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. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).
<b>Environmental precautions</b>	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods for cleaning up

<b>Small spill</b>	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
<b>Large spill</b>	Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. 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). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## 7. Handling and storage

<b>Handling</b>	: Suggested personal protection equipment should be worn at all time when handling the product. Handle in accordance with manufacture direction for uses. Avoid contact with eye or skin.
<b>Storage</b>	: Store product in a dry, cool ventilated area. Protect from freezing. Keep out of reach of children and pets.

## 8. Exposure controls/personal protection

Occupational exposure limits		TWA (8 hours)			STEL (15 mins)			Ceiling			Notations
Ingredient	List name	ppm	mg/m <sup>3</sup>	Other	ppm	11Q/m <sup>3</sup>	Other	ppm	mg/m <sup>3</sup>	Other	
2-butoxyethanol	US ACGIH 4/2014	20	-	-	-	-	-	-	-	-	
	AB 4/2009	20	97	-	-	-	-	-	-	-	[3]
	BC 4/2014	20	-	-	-	-	-	-	-	-	
	ON 1/2013	20	-	-	-	-	-	-	-	-	[1]
	QC 1/2014	20	97	-	-	-	-	-	-	-	
2-aminoethanol	US ACGIH 4/2014	3	7.5	-	6	15	-	-	-	-	
	AB 4/2009	3	7.5	-	6	15	-	-	-	-	[3]
	BC 4/2014	3	-	-	6	-	-	-	-	-	
	ON 1/2013	3	7.5	-	6	15	-	-	-	-	
	QC 1/2014	3	7.5	-	6	15	-	-	-	-	
Tetrasodium salt of ethylenediaminetetraacetic acid (1) Absorbed through skin. (3) Skin sensation Notes: [A] Sodium hydroxide	USACGIH	-	-	-	-	-	-	-	2	-	[A]

Consult local authorities for acceptable exposure limits.

<b>Recommended monitoring procedures</b>	No specific monitoring measures required.
<b>Engineering measures</b>	General room ventilation is adequate for the use of the product. No additional ventilation is required.
<b>Hygiene measures</b>	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

### Personal protection

<b>Respiratory</b>	No specific respiratory protection required.
<b>Hands:</b>	It is suggested to wear chemical impervious gloves when handling or using the product.
<b>Eyes:</b>	It is suggested to wear safety glasses when handling or using the product.
<b>Skin:</b>	No specific measure required.

### Personal protective equipment (Pictograms)



## 9. Physical and chemical properties

<b>Physical state</b>	: li quid. [Transparent liquid. ]	<b>Molecular formula</b>	: Not applicable.	<b>Flammable limits</b>	: Not available.
<b>Color</b>	: Colorless.	<b>Molecular weight</b>	: Not applicable.	<b>Burning rate</b>	: Not applicable.
<b>Odor</b>	: Butyl	<b>Vapor pressure</b>	: Not available.	<b>Burning time</b>	: Not applicable.
<b>Relative density</b>	: 1	<b>Vapor density</b>	: Not available.	<b>Critical temperature</b>	: Not available.
<b>pH</b>	: 13	<b>Volatility</b>	: Not available.	<b>Auto-Ignition temperature</b>	: Not available.
<b>Viscosity</b>	: Not available.	<b>Evaporation rate</b>	: Not available.	<b>Flash point</b>	: Closedcup: 95*c (203°F) [Pensky-Martens.] (Product does not sustain combustion. ]
<b>Odor threshold</b>	: Not available.	<b>Ionicity (in water)</b>	: Anionic.	<b>Dispersibility properties</b>	: Not available.
<b>Solubility</b>	: Easily soluble in the following materials: cold water and hot water.				
<b>Melting/freezing point</b>	: Not available.	<b>Boiling/condensation point</b>	: Not available.		

## 10. Stability and reactivity

<b>Chemical stability</b>	: The product is stable.
<b>Conditions to avoid</b>	: No specific data.
<b>Materials to avoid</b>	: Reactive or incompatible with the following materials: acids
<b>Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage <i>and</i> use hazardous reactions will not occur.

## 11. Toxicological information

The symptoms, hazards and situations described in this section are not expected when manufacturer's direction for use, proper security measures and given professional exposure limits are correctly followed.

### Potential chronic health effects

<b>Chronic effects</b>	
<b>Carcinogenicity</b>	No known significant effects or Critical hazards.
<b>Mutagenicity</b>	No known significant effects or critical hazards.
<b>Teratogenicity</b>	No known significant effects or critical hazards.
<b>Developmental Effects</b>	No known significant effects or critical hazards.
<b>Fertility effects</b>	No known significant effects or critical hazards.
<b>Target organs</b>	Contains material which may cause damage to the following organs: upper respiratory tract, skin, eye, lens or cornea.

### Over-exposure signs/symptoms

<b>Inhalation</b>	Adverse symptoms may include the following: respiratory tract irritation coughing
<b>Ingestion</b>	Adverse symptoms may include the following: stomach pains
<b>Skin</b>	Adverse symptoms may include the following: <b>pain or irritation</b> redness blistering may occur
<b>Eyes</b>	Adverse symptoms may include the following: pain watering redness

### Medical conditions aggravated by over-exposure

Pre-existing disorders Involving any target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.

### Acute toxicity

Product/Ingredient name	Result	Species	Dose	Exposure
2-butoxyethanol	LC50 Inhalation Gas.	Rat	450 ppm	4 hours
	LC50 Inhalation Vapor	Rat	700 ppm	7 hours
	LO50 Dermal	Rabbit	220 mg/kg	
	LD50 Dermal	Rabbit	400mg/kg	
	LD50 Oral	Mouse	1230 mg/kg	
	LD50 Oral	Rat	250 mg/kg	
2-aminoethanol	LD50 Oral	Rat	560 mg/kg	
	LOSO Dermal	Rabbit	1000 mg/kg	
	LD50 Oral	<b>Rat</b>	1720 mg/kg	
3- butoxypropan-2-ol	LD50 Oral	Rat	1720 mg/kg	
	LD50 Dermal	Rabbit	3100 mg/kg	
Tetrasodium salt of ethylene-diaminetetraacetic acid	LD50 Dermal	Rabbit	>5000 mg/kg	

Product/ingredient name	Result	Species	Score	Exposure	Observation
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## 11. Toxicological information continued

2-butoxyetanol	Eyes - Moderate irritant	Rabbit	24 hours 100 milligrams
	Eyes - Severe irritant	Rabbit	100 milligrams
	Skin - Mild irritant	Rabbit	500 milligrams
2-aminoethanol	Eyes - Severe irritant	Rabbit	250 Micrograms
	Skin - Moderate irritant	Rabbit	505 milligrams

### Carcinogenicity Classification

Product/Ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
2-butoxyethanol	A3	3				

## 12. Ecological information

**Ecotoxicity** No known significant effects or critical hazards.

### Aquatic ecotoxicity

Product/Ingredient name	Test	Result	Exposure	Species
2-butoxyethanol		Acute EC50 >1000 mg/l/Fresh water	48 hours	Daphnia - Water flea - Daphnia magna
		Acute LC50 1000 mg/l/Marine water	48 hours	Crustaceans - Amphipod - Chaetogammarus marinus - Young
		Acute LC50 1250000 µg/l Marine water	96 hours	Fish - Inland silverside - Menidia beryllina
2-aminoethanol	ISO	Acute EC50 22mg/l	72 hours	Algae
		Acute EC50 8.42 mg/l/Fresh water	72 hours	Algae - Green algae - Desmodesmus subspicatus
		Acute EC50 65 mg/l	48 hours	Daphnia - daphnia
		Acute LC50 >100000µg/1 Marine water	48 hours	Crustaceans - Common shrimp. sand shrimp - Crangon crangon - Adult
		Acute LC50 170 mg/l	72 hours	Fish - Goldfish
		Acute LC50 170000 µg/1 Fresh water	96 hours	Fish - Goldfish - Carassius auratus

## 13. Disposal considerations

**waste disposal** : Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

## 14. Transport information

Regulatory information	UN number	Proper shipping name	Classes	PG"	L bel	Additional Information
<b>DOT Classification</b>	1760	Corrosive liquid n.o.s.. (2-aminoethanol)	8	III		
<b>TOG Classification</b>	1760	CORROSIVE LIQUIDS, N.O.S. (2-aminoethanol)	8	III		<b>Remarks</b> Limited Qt Index 5L

PG" : Packing group

## 15. Regulatory information

### United States Inventory (TSCA Bb)

: Not determined.

### WHMIS (Canada)

: Class 0-1A: Material causing immediate and serious toxic effects (Very toxic).

Class E: Corrosive material

### Canadian lists

: CEPA Toxic substances: None of the components are listed.

Canadian ARET: None of the components are listed.

Canadian NPRI: None of the components are listed.

Albert a Designated Substances: None of the components are listed.

Ontario Designated Substances: None of the components are listed.

Quebec Designated Substances: None of the components are listed.

### Canada Inventory

:At least one component is not listed.

### Other certification

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the Information required by the Controlled Products Regulations.

## 16. Other information on the product

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**Label requirements** : CAUSES DIGESTIVE TRACT, EYE AND SKIN BURNS. CAUSES RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED.

**Date of printing (YYYY-MM-OD)** : 2018-08-01.

**Date of issue (YYYY-MM-DD)** : 2018-08-01.

Note: SDS are valid for a 3 years period after the date of issue

Indicates Information that has changed from previously Issued version.

### Notice to reader

There are potential hazards to people and goods associated with the use of this product which are detailed In the present Material Safety Data Sheet (MSDS). To minimize potential hazards associated with this product It is of users responsibility to conform the directions for use and all other Instruct ions provided in the Material Safety Data Sheet (MSDS) of this product The manufacturer , distributors and suppliers of this product are exonerating themselves and consequently shall not be liable for any prejudice or damage of any kind, resulting from the use of this product which may not be In accordance with the directions for use or all the Instructions provided In the present Material Safety Data Sheet (MSDS) or resulting from an unadvised use of the present product..

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Emergency phone: CANUTEC (613) 996-6666 (Collect calls accepted)

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