



STONETECH® KlenzAll™ Cleaner Concentrate

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Revision Date: 08/29/2019

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Version: 2.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: STONETECH® KlenzAll™ Cleaner Concentrate

1.2. Intended Use of the Product

Cleaner for natural stone & tile surfaces

1.3. Name, Address, and Telephone of the Responsible Party

Company

LATICRETE International

1 Laticrete Park, N

Bethany, CT 06524

T (203)-393-0010

www.laticrete.com

Company

LATICRETE Canada ULC

PO Box 129, Emeryville, Ontario, Canada

NOR-1A0

(833)-254-9255

1.4. Emergency Telephone Number

Emergency Number : For chemical emergency call ChemTel day or night:

(800)255-3924 (North America)

(800)-099-0731 (Mexico)

+1 (813)248-0585 (International - collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification

Skin Corr. 1 H314

Eye Dam. 1 H318

Aquatic Acute 3 H402

Full text of hazard classes and H-statements : see section 16

2.2. Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA) :



GHS05

Signal Word (GHS-US/CA) :

Danger

Hazard Statements (GHS-US/CA) :

H314 - Causes severe skin burns and eye damage.

H318 - Causes serious eye damage.

H402 - Harmful to aquatic life.

Precautionary Statements (GHS-US/CA) :

P260 - Do not breathe vapors, mist, or spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, and eye protection.

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 .

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

breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor.

P321 - Specific treatment (see section 4 on this SDS).

P363 - Wash contaminated clothing before reuse.

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P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US/CA)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

| Name | Product Identifier | % * | GHS Ingredient Classification |
|------------------------------|----------------------|--------------|--|
| Alcohols, C7-21, ethoxylated | (CAS-No.) 68991-48-0 | 2.4 - 3.2 | Eye Irrit. 2A, H319 |
| Ethanolamine | (CAS-No.) 141-43-5 | 1-5 | Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:vapour), H332 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 2, H401 Aquatic Chronic 3, H412 |
| Potassium hydroxide | (CAS-No.) 1310-58-3 | 0.1 - 1 | Met. Corr. 1, H290 Acute Tox. 3 (Oral), H301 Skin Corr. 1, H314 Eye Dam. 1, H318 STOT SE 1, H370 |
| Diethanolamine | (CAS-No.) 111-42-2 | 0.0006-0.006 | Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Carc. 2, H351 STOT RE 2, H373 Aquatic Acute 2, H401 Aquatic Chronic 3, H412 |

Full text of H-phrases: see section 16

*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

Skin Contact: Immediately remove contaminated clothing. Immediately flush skin with plenty of water for at least 30 minutes. Get immediate medical advice/attention.

Eye Contact: Immediately rinse with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: Causes severe skin burns and eye damage.

Inhalation: May be corrosive to the respiratory tract.

Skin Contact: Causes severe irritation which will progress to chemical burns.

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Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Ingestion: May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

Chronic Symptoms: Not available

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Not explosive, but may release hydrogen gas on contact with some metals. Product is not explosive.

Reactivity: May be corrosive to metals upon prolonged contact. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂). Nitrogen oxides. May liberate toxic gases.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

5.4. Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not breathe vapor, mist or spray. Do not get in eyes, on skin, or on clothing.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Cautiously neutralize spilled liquid.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: When heated to decomposition, emits toxic fumes. May release corrosive vapors.

Precautions for Safe Handling: Do not breathe vapors, mist, and spray. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not get in eyes, on skin, or on clothing. Handle empty containers with care because they may still present a hazard.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

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Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in original container or corrosive resistant and/or lined container. Store locked up/in a secure area.

Incompatible Materials: Acids. Strong oxidizers. halogenated hydrocarbons. Nitrites. Copper. Aluminum. Strong reducing agents. Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Cleaner for natural stone & tile surfaces

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

| Ethanolamine (141-43-5) | | |
|-------------------------|---------------------------------------|-----------------------|
| USA ACGIH | ACGIH TWA (ppm) | 3 ppm |
| USA ACGIH | ACGIH STEL (ppm) | 6 ppm |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 6 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (ppm) | 3 ppm |
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 8 mg/m ³ |
| USA NIOSH | NIOSH REL (TWA) (ppm) | 3 ppm |
| USA NIOSH | NIOSH REL (STEL) (mg/m ³) | 15 mg/m ³ |
| USA NIOSH | NIOSH REL (STEL) (ppm) | 6 ppm |
| USA IDLH | US IDLH (ppm) | 30 ppm |
| Alberta | OEL STEL (mg/m ³) | 15 mg/m ³ |
| Alberta | OEL STEL (ppm) | 6 ppm |
| Alberta | OEL TWA (mg/m ³) | 7.5 mg/m ³ |
| Alberta | OEL TWA (ppm) | 3 ppm |
| British Columbia | OEL STEL (ppm) | 6 ppm |
| British Columbia | OEL TWA (ppm) | 3 ppm |
| Manitoba | OEL STEL (ppm) | 6 ppm |
| Manitoba | OEL TWA (ppm) | 3 ppm |
| New Brunswick | OEL STEL (mg/m ³) | 15 mg/m ³ |
| New Brunswick | OEL STEL (ppm) | 6 ppm |
| New Brunswick | OEL TWA (mg/m ³) | 7.5 mg/m ³ |
| New Brunswick | OEL TWA (ppm) | 3 ppm |
| Newfoundland & Labrador | OEL STEL (ppm) | 6 ppm |
| Newfoundland & Labrador | OEL TWA (ppm) | 3 ppm |
| Nova Scotia | OEL STEL (ppm) | 6 ppm |
| Nova Scotia | OEL TWA (ppm) | 3 ppm |
| Nunavut | OEL STEL (ppm) | 6 ppm |
| Nunavut | OEL TWA (ppm) | 3 ppm |
| Northwest Territories | OEL STEL (ppm) | 6 ppm |
| Northwest Territories | OEL TWA (ppm) | 3 ppm |
| Ontario | OEL STEL (ppm) | 6 ppm |
| Ontario | OEL TWA (ppm) | 3 ppm |
| Prince Edward Island | OEL STEL (ppm) | 6 ppm |
| Prince Edward Island | OEL TWA (ppm) | 3 ppm |
| Québec | VECD (mg/m ³) | 15 mg/m ³ |
| Québec | VECD (ppm) | 6 ppm |
| Québec | VEMP (mg/m ³) | 7.5 mg/m ³ |
| Québec | VEMP (ppm) | 3 ppm |
| Saskatchewan | OEL STEL (ppm) | 6 ppm |

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| | | |
|--|--|--|
| Saskatchewan | OEL TWA (ppm) | 3 ppm |
| Yukon | OEL STEL (mg/m ³) | 12 mg/m ³ |
| Yukon | OEL STEL (ppm) | 6 ppm |
| Yukon | OEL TWA (mg/m ³) | 6 mg/m ³ |
| Yukon | OEL TWA (ppm) | 3 ppm |
| Potassium hydroxide (1310-58-3) | | |
| USA ACGIH | ACGIH Ceiling (mg/m ³) | 2 mg/m ³ |
| USA NIOSH | NIOSH REL (ceiling) (mg/m ³) | 2 mg/m ³ |
| Alberta | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| British Columbia | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Manitoba | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| New Brunswick | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Newfoundland & Labrador | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Nova Scotia | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Nunavut | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Northwest Territories | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Ontario | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Prince Edward Island | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Québec | PLAFOND (mg/m ³) | 2 mg/m ³ |
| Saskatchewan | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Yukon | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Diethanolamine (111-42-2) | | |
| USA ACGIH | ACGIH TWA (mg/m ³) | 1 mg/m ³ (inhalable fraction and vapor) |
| USA ACGIH | ACGIH chemical category | Skin - potential significant contribution to overall exposure by the cutaneous route, Confirmed Animal Carcinogen with Unknown Relevance to Humans |
| USA NIOSH | NIOSH REL (TWA) (mg/m ³) | 15 mg/m ³ |
| USA NIOSH | NIOSH REL (TWA) (ppm) | 3 ppm |
| Alberta | OEL TWA (mg/m ³) | 2 mg/m ³ |
| British Columbia | OEL TWA (mg/m ³) | 2 mg/m ³ |
| Manitoba | OEL TWA (mg/m ³) | 1 mg/m ³ (inhalable fraction and vapor) |
| New Brunswick | OEL TWA (mg/m ³) | 2 mg/m ³ |
| New Brunswick | OEL TWA (ppm) | 0.46 ppm |
| Newfoundland & Labrador | OEL TWA (mg/m ³) | 1 mg/m ³ (inhalable fraction and vapor) |
| Nova Scotia | OEL TWA (mg/m ³) | 1 mg/m ³ (inhalable fraction and vapor) |
| Nunavut | OEL STEL (mg/m ³) | 4 mg/m ³ |
| Nunavut | OEL TWA (mg/m ³) | 2 mg/m ³ |
| Northwest Territories | OEL STEL (mg/m ³) | 4 mg/m ³ |
| Northwest Territories | OEL TWA (mg/m ³) | 2 mg/m ³ |
| Ontario | OEL TWA (mg/m ³) | 1 mg/m ³ (inhalable fraction and vapor) |
| Prince Edward Island | OEL TWA (mg/m ³) | 1 mg/m ³ (inhalable fraction and vapor) |
| Québec | VEMP (mg/m ³) | 13 mg/m ³ |
| Québec | VEMP (ppm) | 3 ppm |
| Saskatchewan | OEL STEL (mg/m ³) | 4 mg/m ³ |
| Saskatchewan | OEL TWA (mg/m ³) | 2 mg/m ³ |

8.2. Exposure Controls

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

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Personal Protective Equipment: Insufficient ventilation: wear respiratory protection. Gloves. Protective clothing. Protective goggles. Face shield.



Materials for Protective Clothing: Chemically resistant materials and fabrics. Corrosion-proof clothing.

Hand Protection: Wear protective gloves.

Eye and Face Protection: Chemical safety goggles and face shield.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

| | |
|--|------------------------|
| Physical State | : Liquid |
| Appearance | : Light yellow |
| Odor | : Mild |
| Odor Threshold | : Not available |
| pH | : 11.5 - 12.5 |
| Evaporation Rate | : Not available |
| Melting Point | : Not applicable |
| Freezing Point | : Not available |
| Boiling Point | : 100 °C (212 °F) |
| Flash Point | : Does not flash (N/A) |
| Auto-ignition Temperature | : Not available |
| Decomposition Temperature | : Not available |
| Flammability (solid, gas) | : Not applicable |
| Lower Flammable Limit | : Not available |
| Upper Flammable Limit | : Not available |
| Vapor Pressure | : Not available |
| Relative Vapor Density at 20°C | : Not available |
| Relative Density | : Not available |
| Specific Gravity | : 1.003 |
| Solubility | : Not available |
| Partition Coefficient: N-Octanol/Water | : Not available |
| Viscosity | : Not available |

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: May be corrosive to metals upon prolonged contact. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.

10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

10.4. Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible Materials: Acids. Strong oxidizers. halogenated hydrocarbons. Nitrites. Copper. Aluminum. Strong reducing agents. Strong acids, strong bases, strong oxidizers.

10.6. Hazardous Decomposition Products: Carbon oxides (CO, CO₂). Aldehydes. Ketones. Organic acids. Nitrogen oxides. Ammonia. Potassium oxides. Thermal decomposition generates : Corrosive vapors.

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Causes severe skin burns and eye damage.

pH: 11.5 - 12.5

Eye Damage/Irritation: Causes serious eye damage.

pH: 11.5 - 12.5

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: May be corrosive to the respiratory tract.

Symptoms/Injuries After Skin Contact: Causes severe irritation which will progress to chemical burns.

Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

| | |
|---|---|
| Ethanolamine (141-43-5) | |
| LD50 Oral Rat | 1720 mg/kg |
| LD50 Dermal Rabbit | 1025 mg/kg |
| ATE US/CA (vapors) | 11.00 mg/l/4h |
| Potassium hydroxide (1310-58-3) | |
| LD50 Oral Rat | 284 mg/kg |
| Diethanolamine (111-42-2) | |
| LD50 Oral Rat | 1820 mg/kg |
| LD50 Dermal Rabbit | 11.9 ml/kg |
| Diethanolamine (111-42-2) | |
| IARC Group | 2B |
| OSHA Hazard Communication Carcinogen List | In OSHA Hazard Communication Carcinogen list. |

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Harmful to aquatic life.

| | |
|----------------------------------|---|
| Ethanolamine (141-43-5) | |
| LC50 Fish 1 | 227 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1 | 65 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| LC50 Fish 2 | 3684 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static]) |
| ErC50 (algae) | 2.5 mg/l |
| Diethanolamine (111-42-2) | |
| LC50 Fish 1 | 4460 (4460 - 4980) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1 | 55 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| LC50 Fish 2 | 1200 (1200 - 1580) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| EC50 Other Aquatic Organisms 2 | 2.1 (2.1 - 2.3) mg/l (Exposure time: 96 h - Species: Pseudokirchneriella subcapitata) |

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| | |
|------------------------|---|
| Erc50 (algae) | 2.2 mg/l (Exposure time: 96 h - Species: Pseudokirchnerella subcapitata [Static]) |
| NOEC Chronic Crustacea | 0.78 mg/l |

12.2. Persistence and Degradability

| | |
|--|------------------|
| STONETECH® KlenzAll™ Cleaner Concentrate | |
| Persistence and Degradability | Not established. |

12.3. Bioaccumulative Potential

| | |
|--|------------------|
| STONETECH® KlenzAll™ Cleaner Concentrate | |
| Bioaccumulative Potential | Not established. |

| | |
|-------------------------|------------------|
| Ethanolamine (141-43-5) | |
| Log Pow | -1.91 (at 25 °C) |

| | |
|---------------------------------|------|
| Potassium hydroxide (1310-58-3) | |
| Log Pow | 0.65 |

| | |
|---------------------------|-----------------------------------|
| Diethanolamine (111-42-2) | |
| BCF Fish 1 | (no significant bioconcentration) |
| Log Pow | -2.18 (at 25 °C) |

12.4. Mobility in Soil Not available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Ecology - Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT

Proper Shipping Name : CORROSIVE LIQUIDS, N.O.S.(Contains Ethanolamine, Potassium Hydroxide)
Hazard Class : 8
Identification Number : UN1760
Label Codes : 8
Packing Group : III
ERG Number : 154



14.2. In Accordance with IMDG

Proper Shipping Name : CORROSIVE LIQUID, N.O.S.(Contains Ethanolamine, Potassium Hydroxide)
Hazard Class : 8
Identification Number : UN1760
Label Codes : 8
Packing Group : III
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-B



14.3. In Accordance with IATA

Proper Shipping Name : CORROSIVE LIQUID, N.O.S. (Contains Ethanolamine, Potassium Hydroxide)
Hazard Class : 8
Identification Number : UN1760
Label Codes : 8
Packing Group : III
ERG Code (IATA) : 8L



14.4. In Accordance with TDG

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| | |
|------------------------------|--|
| Proper Shipping Name | : CORROSIVE LIQUID, N.O.S.(Contains Ethanolamine, Potassium Hydroxide) |
| Hazard Class | : 8 |
| Identification Number | : UN1760 |
| Label Codes | : 8 |
| Packing Group | : III |



SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

| | |
|--|---|
| STONETECH® KlenzAll™ Cleaner Concentrate | |
| SARA Section 311/312 Hazard Classes | Health hazard - Serious eye damage or eye irritation Health hazard - Skin corrosion or Irritation |
| Ethanolamine (141-43-5) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Potassium hydroxide (1310-58-3) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| CERCLA RQ | 1000 lb |
| Alcohols, C7-21, ethoxylated (68991-48-0) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| EPA TSCA Regulatory Flag | XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711). |
| Diethanolamine (111-42-2) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313 | |
| CERCLA RQ | 100 lb |
| SARA Section 313 - Emission Reporting | 1 % |

15.2. US State Regulations

California Proposition 65



WARNING: This product can expose you to Diethanolamine, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

| Chemical Name (CAS No.) | Carcinogenicity | Developmental Toxicity | Female Reproductive Toxicity | Male Reproductive Toxicity |
|---------------------------|-----------------|------------------------|------------------------------|----------------------------|
| Diethanolamine (111-42-2) | X | | | |

| |
|--|
| Ethanolamine (141-43-5) |
| U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List |
| Potassium hydroxide (1310-58-3) |
| U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List |
| Diethanolamine (111-42-2) |
| U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List |

15.3. Canadian Regulations

| |
|---|
| Ethanolamine (141-43-5) |
| Listed on the Canadian DSL (Domestic Substances List) |

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Potassium hydroxide (1310-58-3)

Listed on the Canadian DSL (Domestic Substances List)

Alcohols, C7-21, ethoxylated (68991-48-0)

Listed on the Canadian DSL (Domestic Substances List)

Diethanolamine (111-42-2)

Listed on the Canadian DSL (Domestic Substances List)

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision : 08/29/2019

Revision

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

GHS Full Text Phrases:

| | |
|----------------------------------|---|
| Acute Tox. 3 (Oral) | Acute toxicity (oral) Category 3 |
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal) Category 4 |
| Acute Tox. 4 (Inhalation:vapour) | Acute toxicity (inhalation:vapour) Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4 |
| Aquatic Acute 2 | Hazardous to the aquatic environment - Acute Hazard Category 2 |
| Aquatic Acute 3 | Hazardous to the aquatic environment - Acute Hazard Category 3 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment - Chronic Hazard Category 3 |
| Carc. 2 | Carcinogenicity Category 2 |
| Eye Dam. 1 | Serious eye damage/eye irritation Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation Category 2 |
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| Flam. Liq. 4 | Flammable liquids Category 4 |
| Met. Corr. 1 | Corrosive to metals Category 1 |
| Skin Corr. 1 | Skin corrosion/irritation Category 1 |
| Skin Corr. 1B | Skin corrosion/irritation Category 1B |
| STOT RE 2 | Specific target organ toxicity (repeated exposure) Category 2 |
| STOT SE 1 | Specific target organ toxicity (single exposure) Category 1 |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H227 | Combustible liquid |
| H290 | May be corrosive to metals |
| H301 | Toxic if swallowed |
| H302 | Harmful if swallowed |
| H312 | Harmful in contact with skin |
| H314 | Causes severe skin burns and eye damage |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H332 | Harmful if inhaled |
| H335 | May cause respiratory irritation |
| H351 | Suspected of causing cancer |
| H370 | Causes damage to organs |
| H373 | May cause damage to organs through prolonged or repeated exposure |
| H401 | Toxic to aquatic life |
| H402 | Harmful to aquatic life |
| H412 | Harmful to aquatic life with long lasting effects |

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

NA GHS SDS 2015 (Can, US)