

Innotech Concrete Degreaser and Neutralizer

SDS Number:

Revision Date: 12/09/19

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

ChromaScape
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Phone: Chemtrec:1-800-424-9300

Product Identifier: Innotech Concrete Degreaser and Neutralizer
Synonyms: Water based detergent
Common Name: Emulsion Concrete Sealer
Revision Date: 12/09/19
Version: 1.0
CAS Number: Mixture
Chemical Family: Chemical seal
Product Use: Institutional floor cleaner and degreaser

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

- Health, Acute toxicity, 5 Oral
- Health, Acute toxicity, 5 Inhalation
- Health, Skin corrosion/irritation, 1 A

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

- H303 - May be harmful if swallowed
- H333 - May be harmful if inhaled
- H314 - Causes severe skin burns and eye damage

GHS Precautionary Statements:

- P332 - If skin irritation occurs: Remove contaminated clothing, rinse skin with water for several minutes, seek medical attention if skin irritation persists, wash clothing before re-use.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

3 COMPOSITION/INFORMATION OF INGREDIENTS

4 FIRST AID MEASURES

Inhalation: Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if you feel unwell.

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Skin Contact: Skin Contact: Wash with soap and water. If irritation occurs and persists, get medical attention.

Eye Contact: Eye Contact: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs and persists, get medical attention.

Ingestion: Ingestion: Rinse mouth. Do NOT induce vomiting. Get medical attention if you feel unwell.

5 FIRE FIGHTING MEASURES

Flash Point: Not Applicable

Flash Point Method: NA

Autoignition Temp: NA

LEL: NA

Fire Extinguishing media: Use water spray dry chemical, carbon dioxide or regular foam. Move containers away from fire area if can be done without risk.

Hazards during fire-fighting:

Containers may rupture when exposed to extreme heat.

Protective equipment for fire-fighting:

Wear NFPA-approved self-contained breathing apparatus, helmet, hood, boots and gloves.

Fire Extinguishing media: Use dry chemical, carbon dioxide or water spray. For larger fires use regular foam, dry chemical, carbon dioxide or water spray. Move containers away from fire area if it can be done without risk. From a safe distance and keeping upwind, apply flooding amounts of water to sides of container exposed to fire for cooling purposes until well after the fire is extinguished. Stay away from tanks engulfed in flames. (Emergency Response Guidebook Guide #154)

Hazards during fire-fighting:

Containers may rupture when exposed to extreme heat.

Protective equipment for fire-fighting:

Wear NFPA-approved self-contained breathing apparatus, helmet, hood, boots and gloves.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use recommended personal protective clothing and equipment. To prevent slipping, do not walk through spilled material.

Environmental precautions:

Follow all Federal, State and Local regulations when storing and disposing of substances. Do not allow material to run off of work area, and material should be absorbed, collected and disposed of in accordance with regulations. Keep product from entering storm drains. Consult local and federal guidelines for proper disposal of these materials.

Cleanup:

For small amounts of released material: Mop or vacuum up then transfer to suitable container for disposal. - *For large amounts or released material:* Dike around spilled material with absorbent to contain. Spilled material may be mopped or vacuumed up, then transferred to plastic containers for disposal.

7 HANDLING AND STORAGE

Handling Precautions: General advice - No specific measures are necessary provided product and recommended protective clothing/equipment are used correctly. Do not mix with other chemicals. This is a commercial product, not intended for home use. Keep out of reach of children.

Storage Requirements: General advice - Protect against physical damage. Store in tightly closed containers in a cool, well ventilated area. Do not allow product to freeze.
 Shelf Life:

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12 months

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Advice on system design:
 Provide local exhaust ventilation to control vapors for published exposure limits.

Personal Protective Equipment:

Personal protective equipment (HMIS rating 'H'):
 Eye protection: Wear splash-proof safety goggles to prevent exposure.
 Skin protection: Chemical-resistant gloves and chemical-resistant, high traction footwear. Wear appropriate protective (impervious) clothing equipment to prevent possible skin contact.
 Respiratory protection:
 Use proper NIOSH-OSHA respirator for contamination levels found in work area or if ventilation is inadequate.
 General safety and hygiene measures:
 Exercise stringent hygiene practices to minimize exposure.
 If contact occurs, wash any body part with soap and water immediately. Wash hands after use, and before eating, drinking or smoking.
 Other protective measures:
 Nearby running water on the job site is necessary, should an accident occur.

ACGIH TLV: 20 ppm (111-76-2), 3 ppm (141-43-5) and 2 mg/m³ (1310-58-3)
 STEL: 6 ppm (141-43-5)
 OSHA PEL: 50 ppm- Skin (111-76-2), 3 ppm (141-43-5) and 2 mg/m³ (1310-58-3)

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid

Appearance: Clear green liquid
 Odor: Pine
 pH value: 12.5 ± 0.2 (Concentrate) 11.2 ± 0.2 (1:32 dilution)
 Specific gravity: 1.04 (H₂O = 1)
 Solidification temperature: No information available
 Freezing/Melting point: 32 °F (0 °C)
 Boiling point: 212°F (100 °C)
 Vapor density: No information available
 Vapor pressure: No information available
 Evaporation Rate: No information available
 Flash Point: None
 Upper/Lower Flammability Limits: No information available
 Relative Density (water): 1.04
 Auto-Ignition Temperature: No information available
 Decomposition temperature: No information available
 Partition Coefficient: No information available
 Odor Threshold: No information available
 Viscosity: < 10 cps.
 Partition Coefficient: No information available
 Solubility in water: 100%
 Regulatory VOC: 16.6% by weight (concentrate) 0.5 % by weight (at routine maximum concentration - 1:32 dilution)

10 STABILITY AND REACTIVITY

Chemical Stability: Product is chemically stable.

Conditions to Avoid: Excessive heat or flame.

Materials to Avoid: Strong acids, oxidizers (e.g., bleach).
 Reaction with strong acids may generate high heat.

Hazardous Decomposition: In fire conditions: carbon monoxide (CO), carbon dioxide (CO₂) nitric oxides (NO_x) and ammonia.
 Corrosion to metals: Concentrate may be slightly corrosive to aluminum, copper and copper alloys.

Hazardous Polymerization: None

11 TOXICOLOGICAL INFORMATION

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Acute Toxicity (Symptoms):

Ingestion: May be harmful if swallowed. Ingestion may cause irritation of the mouth and throat with consequent pain, nausea, vomiting and diarrhea.

Eye Contact: Can cause serious eye damage. Severe irritation, conjunctivitis, redness. Contact may cause permanent eye damage.

Skin Contact: Can cause severe skin burns. Irritation, inflammation, ulceration, necrosis and possible chemical burns.

Inhalation: May be harmful if inhaled. May cause respiratory irritation including nasal and throat discomfort.

Numerical Measures of Toxicity:

Calculated Acute Toxicity Estimates (ATE) based on available information.

ATEmix (oral): 2363 mg/kg

ATEmix (inhalation): 23.5 mg/l

Chronic Toxicity:

Other information: No components present at 0.1% or greater are considered carcinogens by ACGIH, IARC, NTP or OSHA.

12 ECOLOGICAL INFORMATION

Biodegradation:

Test method: Unspecified

Analysis method: Unspecified

Degree of elimination: Expected to be biodegradable.

Environmental toxicity:

Acute and prolonged toxicity to fish: Not Established

Toxicity to microorganisms: Not Established

Other ecotoxicological advice: Not Established

13 DISPOSAL CONSIDERATIONS

Waste disposal of substance: Dispose of in accordance with all Federal, State and Local regulations when storing and disposing of substances. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA (EPA regulations for hazardous waste).

Container disposal: Dispose of in a licensed facility in accordance with local regulations.

RCRA:

Unspecified.

14 TRANSPORT INFORMATION

None

DOT:

Proper Shipping Name: COMPOUND CLEANING LIQUID (NON-HAZARDOUS)

15 REGULATORY INFORMATION

Federal Regulations:

Registration status:

TSCA, US:

All components are listed or exempt.

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SARA hazard category (EPCRA 311/312): Acute health hazard

SARA TITLE III, SECTION 313:

CAS Number: Chemical Name:

111-76-2 2-Butoxyethanol

State Regulations:

Chemicals known to the State of California to cause cancer, birth defects or other reproductive harm

CAS Number: Chemical Name:

111-42-2 Diethanolamine (May contain trace levels)

OTHER INFORMATION:

NFPA Rating:

Health: 2 Fire: 0 Reactivity: 0 Special Hazard: none

HMIS III Rating:

Health: 2 Flammability: 0 Physical Hazard: 0

Personal Protection: H (safety glasses with side shields and chemical-resistant gloves)

Both NFPA and HMIS III rating systems use a numbering scale that ranges from 0 to 4 to indicate the degree of hazard. A value of zero means the substance possesses no hazard while a value of four indicates high hazard.

16	OTHER INFORMATION
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The information on this SDS is provided in good faith in the interest of product safety and believed to be accurate to the best of our knowledge. However, ChromaScape makes no guarantee and assumes no liability for the data contained. Users should conduct their own research regarding suitability for their purposes. Nothing contained in this SDS should be misconstrued as permission to violate any regulation. End users should follow all local, state, national and international regulations as apply.

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