

Concrete Remover

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Concrete Remover
SDS Number: FG4754
Revision Date: 8/4/2015
Version: 1
Supplier Details: Majestic Solutions Distributing Co. Inc.
1001 Corporation Pkwy, Ste. 110
Raleigh, NC 27610

Phone: 919-212-1150
InfoTrac Day & Night: 800-535-5053

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

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

Health, Serious Eye Damage/Eye Irritation, 1
Health, Skin corrosion/irritation, 1 B
Health, Acute toxicity, 4 Oral
Health, Acute toxicity, 5 Inhalation

GHS Label elements, including precautionary statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H318 - Causes serious eye damage
H314 - Causes severe skin burns and eye damage
H302 - Harmful if swallowed
H333 - May be harmful if inhaled

GHS Precautionary Statements:

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.
P310 - Immediately call a POISON CENTER or doctor/physician.

Concrete Remover

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
79-14-1	>25%	Acetic acid, hydroxy-

The specific chemical identity and/or exact percentages are being withheld as a trade secret (CBI). In the event of an emergency, the exact chemical formula and percentages will be given to medical personnel upon request.

All chemicals in this product are reported in the EPA TSCA Inventory.

4 FIRST AID MEASURES

Inhalation:	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact:	Promptly flush skin with water. If irritation persist, obtain medical attention.
Eye Contact:	Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Contact a physician if redness persists.
Ingestion:	Give 1-2 glasses of water. Do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Consult a physician.

5 FIRE FIGHTING MEASURES

Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Unsuitable Extinguishing Media: Not applicable.

Hazardous Combustion Products: Not applicable.

Special Exposure Hazards: Contact with some metals, particularly magnesium, aluminum, and zinc can rapidly generate hydrogen, which is explosive.

Special protective equipment: Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures: Use appropriate protective equipment. (See Section 8.) Do not get into eyes, skin, or clothing. Wear respiratory protection. Avoid breathing vapors. Ensure adequate ventilation.

Environmental Precautionary Measures: Do not empty into drains.

Methods and Materials for Containment and Cleanup: This material may be neutralized with dilute acid for disposal. Do not discharge into waste water treatment until liquid residues have been neutralized with dilute acid (pH 6-9). Place in a non-leaking container for proper disposal according to Federal, State, and Local regulations.

7 HANDLING AND STORAGE

Handling Precautions:	Use in a well-ventilated area. Do not breathe vapors. Do not get on skin, eyes, or clothing.
Storage Requirements:	Store between 50-80° F. Keep container closed and in a well-ventilated area.

Concrete Remover

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use in well ventilated area.
Personal Protective Equipment: Engineering Controls: Use in well ventilated area.
Personal Protective Equipment: HMIS PP, C | Safety Glasses, Gloves, Apron.

Use good chemical hygiene practice. Avoid contact with skin, eyes, and clothing. Avoid inhalation of vapors.

Acetic acid, hydroxy- (79-14-1) [>25%] : no data available

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear Light Amber Liquid	Odor:	Mild
Physical State:	Liquid	Solubility:	Soluble in Water
Odor Threshold:	No data available	Freezing/Melting Pt.:	No data available
Spec Grav./Density:	1.09	Flash Point:	No data available
Viscosity:	No data available	Vapor Density:	No data available
Boiling Point:	No data available	Auto-Ignition Temp:	No data available
Partition Coefficient:	No data available	UFL/LFL:	No data available
Vapor Pressure:	No data available		
pH:	<2		
Evap. Rate:	No data available		
Decomp Temp:	No data available		

10 STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions
Conditions to Avoid: Open flame and excessive heat.
Materials to Avoid: Avoid contact with strong oxidizing agents.
Hazardous Decomposition: Oxides of carbon. Other unknown decomposition possible.
Hazardous Polymerization: Will not occur.

Concrete Remover

11**TOXICOLOGICAL INFORMATION**

Acetic acid, hydroxy- (79-14-1) [>25%]

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 1,950 mg/kg Remarks: Behavioral: Somnolence (general depressed activity).

Gastrointestinal: Other changes. Kidney, Ureter, Bladder: Other changes.

Inhalation LC50 LC50 Inhalation - rat - 4 h - 7,100 mg/m³ Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Olfaction: Other changes. Lungs, Thorax, or Respiration: Dyspnea. Nutritional and Gross Metabolic: Weight loss or decreased weight gain.

Dermal LD50 no data available

Other information on acute toxicity

Skin corrosion/irritation: Skin - rabbit - Severe skin irritation

Serious eye damage/eye irritation: Eyes - rabbit - Severe eye irritation

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: Reproductive toxicity - rat - Oral:

Maternal Effects: Other effects. Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus). Specific Developmental Abnormalities: Musculoskeletal system.
no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract. Ingestion Harmful if swallowed. Skin Harmful if absorbed through skin. Causes skin burns. Eyes Causes eye burns.

Signs and Symptoms of Exposure: Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., Cough, Shortness of breath, Headache, Nausea

Concrete Remover

Synergistic effects: no data available

Additional Information:

RTECS: MC5250000

12

ECOLOGICAL INFORMATION

Acetic acid, hydroxy- (79-14-1) [>25%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Danio rerio (zebra fish) - 5,000 mg/l - 96 h.

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: May be harmful to aquatic organisms due to the shift of the pH. Avoid release to the environment.

13

DISPOSAL CONSIDERATIONS

Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dispose of waste material in accordance with all local, regional, national, and international regulations

Contaminated packaging: Dispose of as unused product.

14

TRANSPORT INFORMATION

UN3265, Corrosive liquid, acidic, organic, n.o.s., 8, PGIII

Marine Pollutant: No

Concrete Remover

15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Acetic acid, hydroxy- (79-14-1) [>25%] TSCA

Regulatory CODE Descriptions

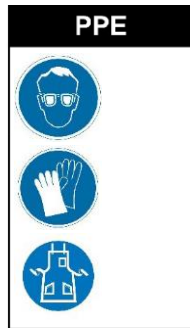
TSCA = Toxic Substances Control Act

16 OTHER INFORMATION

HMIS III: Health = 1, Fire = 0, Physical Hazard = 0

HMIS PPE: C - Safety Glasses, Gloves, Apron

HMIS	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	C



Publication Date: 7/16/2015

Revision No.: 1

This information is based on our current knowledge of the product 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.