

Safety Data Sheet

Date prepared: 1-15-19

Revision number: 0

Section 1: Identification

Product Identifier

Product Name:.....Concrete Dissolver

Recommended use of the chemical and restrictions on use: For professional use only.

Manufacturer:

Waltools

Morris, Illinois 60450

Nonemergency Contact Number:

(815) 941-4123

800-535-5053 Infotrac

In case of medical emergencies, please contact your local poison control center.

Section 2: Hazard(s) Identification

Classification of the substance or mixture:



GHS05 Corrosion

Skin Corrosion/Irritation 1A H314 May cause skin burns and eye damage

Eye Damage/ Irritation 1

Corrosive of Metals 1

Label elements

GHS Label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms.



GHS05

Signal Word: Danger

Hazard-determining components of labelling

Glycolic Acid

Hazard statements

H314 Causes severe skin burns and eye damage

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Precautionary statements

- P234 Keep only in original container
- P260 Do not breathe dust/fume/gas/mist/vapours/spray
- P264 Wash exposed areas thoroughly after handling
- P280 Wear protective gloves/protective clothing/eye protection/face protection
- P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
- P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P305+351+338 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/physician
- P321 Specific treatment (see section 4 of SDS)
- P363 Wash contaminated clothing before reuse
- P390 Absorb spillage to prevent material damage.
- P405 Store locked up
- P406 Store in a corrosive resistant container
- P501 Dispose of contents/container in accordance with local regulation

Other hazards not otherwise classified: None Known

Classification system:

NFPA ratings (scale 0 – 4)



Health = 3 Fire = 0 Reactivity = 0

Section 3: Composition/Information on Ingredients

Pure substance/mixture:..... Mixture

The following chemicals are classified as health hazards in accordance with paragraph (d) OSHA 29 CFR 1910.1200.

*The specific chemical identity and/or exact percentage (concentration) has been withheld because a trade secret is claimed in accordance with paragraph (i) of OSHA, 29 CFR 1910.1200.

Chemical Name*	Synonyms	Trade Secret	CAS number	Weight %
Glycolate	-	No	79-14-1	10 - 40

Section 4: First-Aid Measures

Description of first aid measures:

General Information:Immediately remove any clothing soiled by the product.

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General Information:.....Symptoms of poisoning may even occur after several hours, therefore medical observation for at least 48 hours after the accident.

If swallowed:Rinse mouth. DO NOT induce vomiting. Immediately call a poison center or doctor/physician.

If on skin (or hair):Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately get medical advice/attention if reaction occurs.

If inhaled:Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor/physician.

If in eyes:Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor/physician.

Most important symptoms and effects, both acute and delayed

Causes skin and eye irritation.

Indication of any immediate medical attention and special treatment needed

Note to Physician: All treatment should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media:.....Regular Foam, Carbon dioxide, Dry Chemical, Water

Unsuitable Extinguishing Media:No data available.

Special Hazards arising from the substance or mixture: Material is corrosive.

Unusual Fire and Explosion hazards:No data available.

Hazardous Combustion Products:No data available.

Firefighters Recommendations

Special Protective Equipment:.....As in any fire, wear self-contained breathing apparatus pressure demand, MSHA/NOISH(approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures

Personal Precautions:

Wear protective equipment. Keep unprotected persons away.

Emergency Procedure:

As a precautionary measure, isolate spill or leak area. Eliminate all ignition sources and keep unauthorized personnel away.

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Environmental Precautions:

Dilute with plenty of water and avoid run off to waterways and sewers.

Methods and material for containment and clean up:

Absorb with liquid binding material (ie. Sand, diatomite, acid binders, universal binders, sawdust)

Use neutralizing agent.

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

Section 7: Handling and Storage

Precautions for handling:..... Handle in accordance with good industrial hygiene and safety practice. Use protective equipment recommended in section 8. Avoid contact with skin, eyes or clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage:..... Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Keep out of reach of children.

Incompatible materials: Oxidizing agents. Do not mix with other chemicals or cleaners.

Section 8: Exposure Control/Personal Protection

Ventilation and engineering measures: Use only in well-ventilated areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

Personal protection equipment (PPE)

Eye/Face protection: Wear eye/face protection. Wear as appropriate tightly fitting safety goggles accompanied by face shield.

Hand protection: Wear protective gloves. The glove material has to be impermeable and resistant to the product/the substance/the preparation. Select glove material based on penetration times, rates of diffusion and degradation.

Skin/Body protection: Wear protective gloves. Where extensive exposure to product is possible, use resistant coveralls, apron and boots to prevent contact. The suitability for a specific workplace should be discussed with the producers of the protective regimes.

Respiratory protection:..... If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators. Respirators should be selected

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based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134). Advice should be sought from respiratory protection specialists.

Hygienic measures:.....Do not breathe vapors or spray mist. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

Other protective equipment:Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.

Section 9: Physical and Chemical Properties

Appearance: Clear liquid

Physical State: Water thin liquid

Color: Colorless

Odor: Characteristic

Odor Threshold: No information available

pH as is: 2.5

Viscosity:..... No information available

Relative Density: 1.1 g/ml

Water Solubility:..... Soluble

Flash Point: No information available

Vapor Density: No information available

Melting Point/Freezing Point: No information available

Boiling Point and Boiling Range: 100 °C (212 °F)

Evaporation Rate:..... No information available

Flammability (solid, gas):..... No information available

Upper/lower flammability or explosive limits:.. No information available

Vapor Pressure: No information available

Partition coefficient: No information available
n-Octanol/water

Auto-ignition Temperature: Product is not self igniting.

Decomposition Temperature: No information available

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VOC Content (0%) :Product comply with US state and federal regulations for VOC content in consumer products.

Section 10: Stability and Reactivity

Chemical Stability:Stable under normal temperatures and pressures.
Reactivity:.....No dangerous reactions under normal conditions of normal use.
Possibility of Hazardous Reactions:No dangerous reactions known.
Conditions to Avoid:.....No further relevant information available
Incompatible Materials:.....No further relevant information available
Hazardous Decomposition Products:.....No dangerous decomposition products known

Section 11: Toxicological Information

Acute Toxicity:
LD/LC50 values that are relevant for classification:
79-14-1 Glycolic Acid
Oral LD50 1950 mg/kg rat

Primary irritant effect:

Skin: Strong caustic effect on skin and mucuos membranes.
Eye: Corrosive effect.
Sensitization:.....No sensitizing effects known.

Additional toxicological information:

This product shows the following dangers according to internally approved calculation methods for preparations:
..... Harmful,
..... Corrosive
..... Swallowing will lead to a corrosive effect on mouth and throat and to the danger of perforation of esophagus and stomach.

Carcinogenicity :No known effect

Section 12: Ecological Information

Ecotoxicity:No further relevant information available.
Persistence and Degradability:No information available.
Bioaccumulative Potential:No information available.
Mobility in Soil:No information available.
Additional Ecological Information: Water hazard class 1, slightly hazardous to water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Must not reach bodies of water or drainage ditch undiluted or un-neutralized.

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Section 13: Disposal Considerations

Waste Treatment Methods

Waste from Residues / Unused Products

- Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Contaminated Packaging

- Dispose of container accordance with local, regional, national, and/or international regulations. Use water if necessary with cleaning agents.

Section 14: Transport Information

UN Number: UN3265.

UN Proper shipping name: Corrosive liquid, acidic, organic, n.o.s. (Glycolic acid).



Transport Hazard Class: 8 Corrosive substances.

Packing Group: III

Marine Pollutant: No

Special Precautions for user: Warning: Corrosive substances.

Danger code: 80

EMS Number: F-A,S-B

Segregation group: Acids

DOT: Corrosive liquid, acidic, organic, n.o.s. (Glycolic acid).

IMDG: Corrosive liquid, acidic, organic, n.o.s. (Glycolic acid).

IATA: Corrosive liquid, acidic, organic, n.o.s. (Glycolic acid).

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Toxic Substances Control Act (TSCA): All substances are listed.

SARA 313 Toxic Chemicals: None of the ingredients is listed

SARA 355 Extremely Hazardous substances: . None of the ingredients is listed

California Proposition 65: No California Prop 65 chemicals are known to be present and is not subject to warning labeling under California Proposition 65.

Carcinogenic categories EPA, TLV, NIOSH-Ca: None of the ingredients is listed

OSHA-Ca: Corrosive eyes

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GHS label elements.....The product is classified and labeled according to the Globally Harmonized System.

National Regulations.....The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

Section 16: Other Information

The information herein presented makes no representation or warranties and is based on ingredients SDS and/or recognized technical sources. This information is believed to be accurate and it is intended solely to assist in evaluating the suitability and proper use of this product following the safety precautions and procedures. Final determination as to its suitability for health and safety purposes is the sole responsibility of the user. This information applies only to the product designated above and does not apply to its use in combination with any other materials, products or chemical compounds.

Abbreviations and acronyms:

CAS: Chemical Abstract Services
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
DOT: Department of Transportation
EPA: Environmental Protection Agency
EMS: Emergency Medical Schedule Number
HSDB: Hazardous Substances Data Bank
IARC: International Agency for Research on Cancer
IATA: Interantional Air Transport Association
IMDG: International Maritimes Dangerous Goods
LC: Lethal Concentration
LD: Lethal Dose
MSHA: Mine Safety and Health Administration
NIOSH: National Institute of Occupational Safety and Health
OSHA: Occupational Safety and Health Administration
SARA: Superfund Amendments and Reauthorization Act
SDS: Safety Data Sheet Material Safety Data Sheet
STEL: Short Term Exposure Limit
TOG: Canadian Transportation of Dangerous Goods Act & Regulations
TLV: Threshold Limit Values
TWA: Time Weighted Average
UN Number: United Nations Number
VOC: Volatile Organic Compounds
WHMIS: Workplace Hazardous Materials Identification System

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