

Product Code:       MSDS397  
Product Name:       ACIDIC CONCRETE & GROUT CLEANER ITEM  
                      CODE: ACAGC55GAL, 581798, 920147

24-hour Emergency Phone:                               (800) 535-5053

HMIS CODES H F R P  
              2 0 0 X

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### DISTRIBUTED BY:

DAYCON PRODUCTS COMPANY, INC.  
16001 TRADE ZONE AVE.  
UPPER MARLBORO, MD 20774

## 2. HAZARDS IDENTIFICATION

Danger. Corrosive. Causes severe skin burns and eye damage. May cause corrosive burns, irreversible damage to nasal passages, esophagus and airways. Harmful if inhaled. Corrosive to digestive tract. Very hazardous in case of skin contact (irritant to corrosive), of eye contact (irritant to corrosive), of ingestion. Corrosive burns, redness, watering and itching characterize inflammation of the eye. Skin inflammation is characterized by itching, scaling, reddening, or, blistering. While this material has a low level of toxicity, good industrial hygiene practices are encouraged to minimize exposure.

**Hazard Classification: Skin and Eye Category 1: Corrosive  
Aspiration Category 1**

### Potential Health Effects

#### EYE:

Corrosive to eyes.

#### SKIN:

Causes severe skin burns and eye damage.

#### INGESTION:

This product if swallowed, can cause severe burns and tissue perforation. May be harmful or fatal if swallowed.

#### INHALATION:

Prolonged inhalation may result in respiratory irritation. Under normal conditions, using adequate ventilation no problems are expected. Inhalation of concentrated vapors can cause irritation of the nose and throat with chest discomfort, cough, difficulty breathing and shortness of breath.

#### CHRONIC (CANCER) INFORMATION:

Not listed by IARC or NTP as a carcinogen.

#### TERATOLOGY (BIRTH DEFECT) INFORMATION:

Not classified as a teratogen.

#### REPRODUCTION INFORMATION:

Does not harm reproductive cells.



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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component/Exposure Limits	CAS#	% by Wt.
Organic Acid Salt	506-89-8	Not Regulated
Phosphoric Acid	7664-38-2	Not Regulated
ACGIH STEL: 3 mg/m3; TWA 1 mg/m3		
Alcohol ethoxylate	68991-48-0	Not Regulated

### 4. FIRST AID MEASURES

#### EYES:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye(s). Call a poison control center or doctor for treatment advice.

#### SKIN:

Wash with soap and water. Remove contaminated clothing and shoes. Seek medical attention if irritation persists.  
Wash clothing before reuse and discard contaminated shoes.

#### INGESTION:

Seek immediate medical attention. Do not induce vomiting. Vomiting will cause further damage to mouth and throat. If individual is conscious and alert, immediately rinse mouth with water and give milk or water to drink. If possible, do not leave the individual unattended.

#### INHALATION:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.

#### NOTE TO PHYSICIANS:

No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

### 5. FIRE FIGHTING MEASURES

#### FLAMMABLE PROPERTIES:

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**FLASH POINT: N/A**                                       **Method: N/A**  
Greater than 200F. Not flammable.

**FLAMMABLE LIMITS:**  
Lower flammable limit: N/A  
Upper flammable limit: N/A

**AUTOIGNITION TEMPERATURE:**

Not Applicable.

**HAZARDOUS COMBUSTION PRODUCTS:**

Oxides of carbon, nitrogen and sulfur, and hydrogen chloride. May form: Carbon dioxide and carbon monoxide, Phosphorus compounds, Oxides of phosphorus, toxic fumes.

**EXTINGUISHING MEDIA:**

Use extinguishing method appropriate for the surrounding fire, Dry Chemical, Foam or Water. Dry chemical, foam, carbon dioxide, water fog. Use water to cool fire-exposed containers and to protect personnel.

**FIREFIGHTING INSTRUCTIONS:**

Wear appropriate and suitable protective clothing and breathing equipment for the situation. Follow NFPA Fire Protection Guidelines. Keep people away. Isolate fire and deny unnecessary entry. Use water spray to cool containers and fire affected zone until fire is out and danger of reignition as passed. Fight fire from protected location or safe distance.

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**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:**

Use appropriate containment to avoid run-off. Keep out of streams, sewers and waterways. Collect free material. Collect remainder with inert absorbant. Wash area with plenty of water.

**LARGE SPILL:**

If possible, clean up spill area on a dry basis and then flush with plenty of water. Absorb liquid with vermiculite, floor absorbent or other absorbent material. Keep out of sewer, streams, ponds, lakes, or other waterways.

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**7. HANDLING AND STORAGE**

**HANDLING:**

Containers of this material may be hazardous when empty. Avoid contact with skin and eyes. Wash hands thoroughly after handling.



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**INCOMPATIBILITY:**

Oxidizers, acids, alkalis, lime, ammonia, organic amides, chlorates, chlorine, sodium hydroxide. Strong oxidizing agents, fluorine, strong reducing agents, bases, metals, sulfur.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Oxides of carbon and nitrogen. Oxides of carbon and phosphorous. Phosphorous compounds. Toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones may be formed on burning. Heating in air may produce irritating aldehydes, acids, and ketones.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**11. TOXICOLOGICAL INFORMATION**

**EYE:**

CORROSIVE!

**SKIN:**

Long term contact to the skin with the formulated product may be corrosive.

**INGESTION:**

Severely irritating.

**INHALATION:**

Severely irritating.

**SUBCHRONIC:**

All components of this product are listed on the U. S. TOXIC SUBSTANCE CONTROL ACT (TSCA) Inventory or exemption has been granted in accordance with 40 CFR 723.50.

**CHRONIC/CARCINOGENICITY:**

Not classified as a carcinogen.

**TERATOLOGY:**

Not a teratogen.

**REPRODUCTION:**

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Not expected to effect human reproduction.

**MUTAGENICITY:**

Not mutagenic.

**12. ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION:**

This material is highly soluble in water. It should exhibit low toxicity to aquatic organisms.

**CHEMICAL FATE INFORMATION:**

Readily biodegradable. Not classified as a marine pollutant.

**13. DISPOSAL CONSIDERATIONS**

Neutralize with bicarbonate of soda or other mild alkali and dispose of in accordance with local, state, and federal regulations.

**14. TRANSPORT INFORMATION(Not meant to be all inclusive)**

UN3264, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., 8, III

LIMITED QUANTITY UNDER 1.3 GALLONS

**15. REGULATORY INFORMATION: (Not meant to be all inclusive - selected regulations represent**

**U.S. FEDERAL REGULATIONS:**

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) 29 CFR 1910.1200

**OSHA:**

HAZCOM STANDARD

**CERCLA: SARA HAZARD CATEGORY:**

Acute health hazard.  
Delayed health hazard.

**SECTION 313:**

Yes.

**INTERNATIONAL REGULATIONS:**

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**CANADIAN WHMIS:**

Class E: Corrosive Liquid

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):**

NO INFORMATION AVAILABLE.

**EINECS:**

NO INFORMATION AVAILABLE.

**STATE REGULATIONS:**

NO INFORMATION AVAILABLE.

**VOLATILE ORGANIC COMPOUNDS:**

NO INFORMATION AVAILABLE.

**16. OTHER INFORMATION**

**SDS Status:**

Compliant with OSHA's new GHS safety data sheet (SDS).

Information in this Safety Data Sheet (SDS) is based on sources other than direct test data and is given in good faith. No warranty is expressed or implied. We believe that the information is current as of the date of this SDS. The use of this information, the conditions, the methods of handling, storage, use and disposal of the product are not within the control of the manufacturer, therefore it is the user's responsibility and obligation to determine the conditions of the safe use of this product and to ensure that its activities comply with all laws and regulations.