



# Concrete Go

## Inhibited Acid Detergent

### DESCRIPTION

**Concrete Go** is a specially formulated, highly effective, combination of wetting agents and inhibited hydrochloric acid. **Concrete Go** is used to clean and protect metal from damaging atmospheric corrosion and removes rust, scale, and cement deposits from steel forms, tools, pipes, fittings, and painted metal surfaces. **Concrete Go** is non-staining and can be used in immersion, circulation, or manual processes.

### SPECIAL INFORMATION

Strong acid - avoid contact with eyes and skin. Do not breathe **Concrete Go's** vapors and keep container tightly closed. Store upright at temperatures above freezing and do not mix with Bleach or any other cleaners. Do not use on soft metals such as Aluminum.

### DIRECTIONS

#### **Immersion Process:**

Immerse item to be cleaned in a plastic container of **Concrete Go** for 10 to 60 minutes, depending on the deposit. Remove item and rinse with large quantities of water. Repeat immersion if required.

#### **Circulation Process:**

To clean pipes and tanks, circulate with a solution of 1 part **Concrete Go** with 3 parts water (1:3) for 1 to 4 hours. Inspect results and repeat circulation if required. Flush with plenty of water and/or a dilute alkaline solution to neutralize.

#### **Cleaning Cement Trucks and Large Surfaces:**

Apply a solution of 40 oz **Concrete Go** to 1 gallon water (335 ml/litre) (1:3) to surface with an acid-proof sprayer, brush, or mop. Agitate with a brush if possible and rinse with large quantities of water. Repeat process or increase concentration if required. Rinse with any dilute alkaline solution such as *Clean Spray* to neutralize any residual acid.

### PHYSICAL DATA

Appearance	Milky liquid
Color	Whitish pink
Foam	Moderate
Odor	Cherry
pH	0.5 - 1.5

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **CONCRETE GO**

WHMIS CODE: E  
Proper Shipping Name: HYDROCHLORIC ACID  
Hazard Class: Class 8, PG II  
UN Number: UN 1789

Product Use: Acid cleaner.

HMIS	
3	Health
0	Flammability
0	Reactivity
C	Personal

Maxim Technologies Inc.  
1607 Derwent Way  
Delta, BC V3M 6K8, Canada  
Phone: (604) 526-5655

**EMERGENCY PHONE**  
Canada: Canutec 613-996-6666  
U.S.A.: Chemtrec 800-424-9300

A=Goggles, B=Goggles & Gloves  
C=Goggles, Gloves and Apron

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

## SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
<b>HYDROCHLORIC ACID</b> Exposure Limit Skin: 25 ppm The above item is reported per 40 CFR 372, Section 313 of Emergency Planning & Community Right-To-Know Act of 1986. LD50 (oral rat) 900 mg/kg (rabbit, not rat data) LD50 (dermal) Not Available LC50 3124 ppm (rat, 1 Hr.)	7647-01-0	20.0-30.0	5 ppm CEIL	5 ppm CEIL
<b>ALCOHOL ETHOXYLATE</b> LD50 (oral rat) 1376 mg/kg LD50 (dermal rabbit) >2 g/kg	68439-46-3	1.0-5.0	N/A	N/A

## SECTION 3 – PHYSICAL DATA

**Color and Odor:** White opaque, almond odor. **Boiling Point:** N/D **Vapor Pressure (mm HG):** N/D **pH:** <1.0  
**Physical State:** Liquid. **Melting Point:** N/A **Vapor Density:** N/D **Specific Gravity:** 1.15 @ 20°C  
**Coef. Water/Oil Dist:** Greater than 1.0 **Evaporation Rate:** N/D **Solubility in Water:** Soluble **Odor Threshold:** No Data

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

**Flash Point and Method:** None to 100°C (TCC) **Sensitivity to Mechanical Impact:** None. **Extinguishing Media:** Not flammable.  
**Flammable Limits:** None known. **Sensitivity to Static Discharge:** None. **Auto ignition Temperature:** None known.  
**Conditions of Flammability:** None.  
**Unusual Fire and Explosion Hazards:** Prolonged contact with reactive (i.e. mild steel, aluminum, zinc, etc.) may form flammable hydrogen gas in confined areas.  
**Hazardous Combustion Products:** Liberates toxic hydrogen chloride and chloride fumes.  
**Special Fire Fighting:** Wear full protective equipment, including a NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situations. Use water spray to cool all nearby fire exposed surfaces.

## SECTION 5 – REACTIVITY DATA

**Chemical Stability:** Stable under normal storage conditions. **Hazardous Polymerization:** Will not Occur.  
**Incompatibility (material to avoid):** Strong oxidizers, alkalis, amines, cyanides, and sulfides.  
**Hazardous Decomposition Products:** Liberates toxic hydrogen chloride and chloride fumes.

## SECTION 6 – TOXICOLOGICAL DATA

**Exposure Limits:** See Section 2 under Hazardous Ingredient. **Teratogenicity:** None known.  
**Routes of Entry:** skin and eye contact, skin absorption and inhalation. **Sensitization:** None known.  
**Irritancy of Product:** Corrosive to skin, eyes and respiratory system. **Carcinogenicity:** None known.  
**Name of Toxicological Synergistic Product:** None known. **Mutagenicity:** None known.  
**Reproductive Toxicity:** None known.  
**Effects of Chronic Exposure:** Prolonged or repeated exposure may cause skin irritation or dermatitis.  
**Effects of Acute Exposure to Product:** Product exposure can cause severe burns or damage to skin and eyes. Inhalation of vapors or mists causes respiratory discomfort such as breathing difficulties, burning, coughing, etc. Ingestion may cause gastrointestinal and abdominal discomfort.

## SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

**Respiratory Protection:** If product is misted or sprayed, or used in a confined area, use a NIOSH/MSHA approved dust/mist respirator.  
**Ventilation:** Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.  
**Protective Gloves:** Natural or butyl rubber, nitrile or neoprene gloves. **Eye Protection:** Chemical goggles, safety goggles or face shield.  
**Protective Clothing and Equipment:** Long sleeve coveralls. Eye wash recommended in the immediate work area.  
**Storage and Handling Procedures:** Use good industrial hygiene. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing fumes, sprays or mists. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with any other chemicals. Store at temperatures below 30°C (86°F) and keep from freezing.  
**Disposal Procedures for Spills or Leaks:** Wear protective equipment. Dike and contain large spills. Pump spills into an approved waste container. For small spills, soak up with a suitable absorbent such as clay, soil or commercially available absorbents, and then dispose of into an approved waste container. Keep away from sewers and out of natural waters.  
**Waste Disposal Method:** Reuse if possible, or otherwise dispose recovered material in accordance with all local, Provincial or Federal Regulations.  
**Special Shipping Information:** Store at temperatures below 30°C (86°F) and keep from freezing.

## SECTION 8 – EMERGENCY FIRST AID PROCEDURES

**First Aid:**  
If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

## PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division

PHONE: 604-526-5655

LAST UPDATE: Dec. 16, 2014

THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE