



## I - PRODUCT IDENTIFICATION

COMPANY NAME: Calgon Corporation  
ADDRESS: P. O. Box 1346  
Pittsburgh, PA 15230-1346  
24 Hour Emergency Telephone  
(412) 777-8000  
PRODUCT NAME: GEO-GUARD 3015  
Product No.: 1J03  
Synonyms: Liquid Acid Cleaner

## II - HAZARDOUS INGREDIENTS OF MIXTURES

MATERIAL:	(CAS#)	% By Wt.	TLV	PEL
Hydroxyacetic acid	(79-14-1)	<40	ne	ne

## III - PHYSICAL DATA

Vapor Pressure, mm Hg: Like Water Evaporation Rate(ether=1): unk Solubility in H2O: complete Freezing Point F: unk Boiling Point F: unk Specific Gravity H2O=1 @25C: 1.14	Vapor Density (Air=1)60-90F: like water % Volatile by wt @105C/2 hrs 80% pH @ 1% solution: 2.3 pH as Distributed: 1.7 Appearance: Clear, slightly yellow Odor: Slight acid odor
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## IV - FIRE AND EXPLOSION

Flash Point F: >200 F (TCC)	Flammable Limits: N/A
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Extinguishing Media: Product is not flammable or combustible. Use media appropriate for the primary source of fire.

Special Fire Fighting Procedures: Exercise caution when fighting any chemical fire. Respiratory protection is essential.

Unusual Fire and Explosion Hazards: Flammable hydrogen gas may evolve from contact with some metals.

## V - REACTIVITY DATA

Stability - Conditions to avoid: None Known

Incompatibility: Strong alkalis and oxidizers such as chlorine.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide fumes.

Conditions Contributing to Hazardous Polymerization: Product will not polymerize.

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EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects,  
A. ACUTE (Primary Route of Exposure) EYES: Causes severe irritation or  
burns. (Primary Route of Exposure) SKIN: Causes irritation. May  
cause burns on prolonged contact. INHALATION: May cause mucous  
membrane and respiratory tract irritation. INGESTION: May cause burns,  
to mouth, throat and stomach if swallowed.  
B. SUBCHRONIC, CHRONIC, OTHER: None known.

#### VII - EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush eyes thoroughly with plenty of water for at least 15  
minutes. Get immediate medical attention. SKIN: Wash thoroughly with  
soap and plenty of water for at least 15 minutes. If irritation  
persists, seek medical aid. Remove and launder contaminated clothing  
before reuse. INHALATION: Remove to fresh air. If irritation persists  
get medical attention. INGESTION: If swallowed, do NOT induce vomiting.  
Give 1 or 2 glasses of milk or water to dilute. Call a physician at  
once.

#### VIII - SPILL OR LEAK PROCEDURES

Spill Management: Contain spill. Absorb onto sodium bicarbonate. Scoop up  
and place into container for disposal. Flush residue to sewer with  
plenty of water.

Waste Disposal Methods: Unused material is hazardous waste (D002,  
characteristic of corrosivity) due to low pH.

#### IX - PROTECTION INFORMATION/CONTROL MEASURES

Respiratory: Not normally required.

Eye: Eye goggles  
or full face  
shield

Glove: Rubber

Other Clothing and Equipment: Rubber apron and rubber boots.

Ventilation: Local exhaust ventilation recommended where established limits  
may be exceeded.

#### X - SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing: Avoid contact with eyes  
skin and clothing. Avoid breathing mist or vapors. Wear protective  
clothing when handling. Wash thoroughly after handling.  
Additional Information: Keep container closed when not in use.

Prepared by: D. Godward

Revision Date: 10/26/92

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product other than indicated on the label. Buyer assumes all risk of use  
and/or handling of this material when such use and/or handling is contrary  
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