

Material Safety Data Sheet EaCo CHEM, Inc.

SECTION: 1

Product Name: GS Restoration
Product Use: Cleaner
Name of Manufacturer: EaCo CHEM, Inc.
Address: 765 Commerce Ave
New Castle PA 16101
Emergency telephone: 1-800-255-3924
Date Prepared: 2-1-98 Revised: 12-11-2003
DOT Classification: Corrosive
DOT Shipping Info: Compounds, cleaning liquid, 8, NA 1760, PG II

SECTION: 2

CHEMICAL NAME

Hydrochloric Acid
Ammonium Bifluoride
Oxalic Acid

SUPPLIER INFORMATION

GS Restoration
Cleaner
EaCo CHEM, Inc.
765 Commerce Ave
New Castle PA 16101
1-800-255-3924
Revised: 12-11-2003
Corrosive
Compounds, cleaning liquid, 8, NA 1760, PG II

HAZARDOUS INGREDIENTS

<u>OSHA/PEL</u>	<u>ACGIH/TLV</u>	<u>CAS. NO.</u>
5 ppm	5 ppm	7647-01-0
N/E	2.5 ppm	1341-49-7
1mg/m3	N/E	144-62-7

Ingredients not precisely identified are proprietary or non hazardous under Federal Hazard Communication Standard (29 CFR 1910.1200)

Note: N/E = Not established

SECTION: 3

Route(s) of entry:
Chemical listed as carcinogen:
Or potential carcinogen:
National Toxicology Program:
I.A.R.C. Monographs:
OSHA:

HAZARDS IDENTIFICATION

Eyes, Skin, Ingestion, Inhalation
NO
NO
NO
NO
NO

Signs and symptoms of exposure: Burning to skin, eyes and mucous membrane tissues.
Medical conditions generally aggravated by exposure: Respiratory, dermatitis or skin irritations.
Mucous membrane infections.

SECTION: 4

EYES: Remove contact lenses at once. Flood with water 15 minutes. Seek immediate medical attention.
SKIN: Wash off with soap and water immediately. Call physician.
INGESTION: Drink copious amounts of water. Seek immediate medical attention.
INHALATION: Remove to fresh air. Seek medical attention if irritation persists.

EMERGENCY FIRST AID

SECTION: 5

Flash Point and Method: None, product not expected to burn or support combustion.
Hazardous combustion products: May produce Hydrochloric gas.
Means of extinction: Water, dry chemical, foam, carbon dioxide.
Special procedures: If material comes in contact with certain metals, it may cause corrosion or etch to occur.

FIRE FIGHTING MEASURES

SECTION : 6

Steps to be taken if material is released or spilled: Large spill; dike and contain for intended use. Small spill; Absorb on oil dry and place in approved container for disposal. Make sure proper ventilation and safety equipment is available.

Clean-up procedures: Neutralize area to complete cleanup with a small amount of a weak alkaline solution.

Waste Disposal Method: Consult federal, state, and local regulations in your area.

Precautions to be taken in handling and storage: Store in a cool dry place, away from alkalis. Vent bung before opening. Always wear protective equipment when handling this product.

PRECAUTIONS FOR SAFE HANDLING AND USE

SECTION: 7

Respiratory Protection:
Ventilation:
Protective Gloves:
Goggles:
Other protective clothing or equipment:

CONTROL MEASURES

None needed if exposure limits are not exceeded.
Local exhaust to maintain the TLV.
Yes
Yes
Normal work clothing covering arms and legs. Wash clothing before reuse. Keep off skin and clothing. Do not wear contact lenses

SECTION :8

Appearance/Odor:
Physical Sta te:
pH:
Vapor Pressure (mmHg):
Vapor Density (air = 1):
Boiling Point:
Specific Gravity (Water =1):
Solubility in water:

PHYSICAL AND CHEMICAL PROPERTIES

Clear liquid, acrid odor
Liquid
1.5
N/A
N/A
210°F
1.10
Complete

SECTION :9

Stability:
Incompatibility: (materials to avoid):
Hazardous decomposition:
Hazardous polymerization:

STABILITY AND REACTIVITY

Stable under normal temperatures and pressures.
Alkalis, high heat and metals.
May produce hydrochloric gas.
Will not occur.

SECTION: 10

HEALTH
FIRE
REACTIVITY
PERSONAL PROTECTION

HAZARD RATING

2
0
2
C *
4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = INSIGNIFICANT

C * = Chemical resistant gloves, goggles and apron.

NOTICE: This product has been classified in accordance with the hazard criteria of the CFR and the MSDS contains all the information required by the CFR.

DISCLAIMER: The information herein is given in good faith, but no warranty, either expressed or implied is made. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein we cannot be sure or guarantee these are the only hazards which exist.