

MATERIAL SAFETY DATA SHEET
I - PRODUCT IDENTIFICATION

COMPANY NAME: Calgon Corporation
ADDRESS: P.O. BOX 1346
Pittsburgh, PA 15230

Tel. No. (412)777-8000
(24-Hour Phone)

PRODUCT NAME: Geo-Guard 5210

Product No.: 1H80

Synonyms: Emulsion Solvent Cleaner

II - HAZARDOUS INGREDIENTS OF MIXTURES

| MATERIAL: | (CAS#) | % By Wt. | TLV | PEL |
|---|--------|----------|-----|-----|
| According to the OSHA Hazard Communications Standard, 29 CFR 1910.1200, this product contains no hazardous ingredients. | | | | |

III - PHYSICAL DATA

Vapor Pressure, mm Hg: 0.1 @ 70F
Evaporation Rate(ether=1): N/A
Solubility in H2O: Emulsifiable
Freezing Point F: N/A
Boiling Point F: 470-525
Specific Gravity H2O=1 @25C: 0.830

Vapor Density (Air=1)60-90F: 6.3
% Volatile by wt Undetermined
pH @ Solution N/A
pH as Distributed: N/A
Appearance: Pale Golden Liquid
Odor: Mild Odor

IV - FIRE AND EXPLOSION

Flash Point F: >200F (PM)

Flammable Limits: LEL: 1.2 UEL: 6.0

Extinguishing Media: Foam, dry chemical or CO2

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

Unusual Fire and Explosion Hazards: When temperatures exceed flash point, vapor accumulation would flash and/or explode if ignited.
Never cut or weld on empty containers.

V - REACTIVITY DATA

Stability - Conditions to avoid: Heat, flame or other source of ignition.

Incompatibility: Oxidizers

Hazardous Decomposition Products: Unknown

Conditions Contributing to Hazardous Polymerization: Product will not polymerize.

(Cont'd on Page 2)

Geo-Guard 5210
VI - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects).

A. ACUTE (Primary Route of Exposure) EYES: May cause slight irritation on direct contact with the eye. SKIN: (Primary Route of Exposure) Repeated or prolonged exposure may result in dermatitis. INGESTION: Gastrointestinal discomfort or irritation (including nausea, vomiting and diarrhea) may occur if the product is swallowed. INHALATION: Overexposure to vapors can result in headache or dizziness.

B. SUBCHRONIC, CHRONIC, OTHER: None known.

VII - EMERGENCY AND FIRST AID PROCEDURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. See a physician. SKIN: Immediately wash with soap and plenty of water for at least 15 minutes while removing contaminated clothing. If irritation develops or persists, seek medical aid. INGESTION: If swallowed, DO NOT induce vomiting. Call a physician or Poison Control Center. INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing difficult, give oxygen. Seek medical aid.

VIII - SPILL OR LEAK PROCEDURES

Spill Management: Absorb on absorbent material and place in a D.O.T.-approved container for disposal.

Waste Disposal Methods: All waste should be in accordance with federal, state and local regulations.

IX - PROTECTION INFORMATION/CONTROL MEASURES

Respiratory: Where recommended exposure may be exceeded, use NIOSH-approved respirator suitable for conditions.

Eye: Chemical
Splash Goggles

Glove: Neoprene
or PVA

Other Clothing and Equipment: As required to avoid contamination of clothing; Neoprene-coated apron.

Ventilation: Local exhaust ventilation recommended to maintain air concentrations below recommended limits.

X - SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing: Keep container closed. Avoid contact with eyes, skin and clothing.

Additional Information: Wash thoroughly after handling. Launder contaminated clothing before reuse. Exercise caution when handling and storing chemical substances. Read and observe all label precautions.

Revision Date: June 15, 1993

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