



Material Safety Data Sheet

May be used to comply with OSHA's Hazardous Communication Standard 29 CFR 1910.1200 Standard must be consulted for specific requirements.

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Identity: (As Used on Label and List)

Microgard™ 906

EPA REGISTRATION NO. :

1744-20001-45440

Section 1 - Identification

Manufacturer's Name

Chemgard, Incorporated

Emergency Telephone Number

Chemtrec 1-800-424-9300

Address (Number, Street, City, State, and Zip Code)

1062 S. Batesville Road
Greer, SC 29650

Telephone Numbers for Information

864-879-0884
864-879-7981

Date Prepared/Revised

07/27/04

Name of Preparer (optional)

Molly Nolan

Section 2 - Hazardous Ingredients/Identity Information

Composition Components/Gas Numbers

Sodium Hydroxide #1310-73-2
Sodium Hypochlorite #7681-52-9

OSHA PEL

C2 units
2Cmg/m3

ACGIH TLV

C2 units
N/E

PERCENT

1.0-1.5
12.5

Note: N/D = Not Determined N/A = Not Applicable N/E = None Established

HMIS- Health: 2 Flammability: 0 Reactivity: 1 PPE: B

Emergency Response Guidebook Number: 154

DOT Information: (RQ) Hypochlorite Solution (contains more than 5% but less than 16% available chlorine by weight), 8, UN 1791, III

Section 3 - Physical/Chemical Characteristics

Boiling Point: 100°C

Specific Gravity: 1.22

Vapor Pressure (mm Hg.): N/A

Melting Point: N/A

Vapor Density (AIR=1): N/A

Evaporation Rate (Butyl Acetate=1): N/D

Solubility in Water: Complete

Appearance and Odor: Greenish yellow liquid with chlorinous odor.

Section 4 - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A

Flammable Limits

LEL: N/A

UEL: N/A

Extinguishing Media: Water

Special Fire Fighting Procedures: Eliminate ignition source. Wear self-contained breathing apparatus and complete personal protective equipment. Use water spray to cool fire, exposed structures and tanks, and to disperse vapor cloud if fire is not present. Use carbon dioxide or dry chemical for small fires; alcohol foam or water fog for large fires.

Unusual Fire and Explosion Hazards: Although this material is not flammable in aqueous state, it will burn in the presence of a strong ignition source after the water is removed.

Section 5 - Reactivity Data

Stability

Unstable:

Stable: X

Conditions to Avoid: Heat and ultraviolet light.

Incompatibility (Materials to Avoid)

Avoid contact with acids or acid detergents, organic material, ammonia or amines, and metals.

Hazardous Decomposition or Byproducts

Reacts with acids to release chlorine.

Hazardous Polymerization

May Occur:

Will Not Occur: X

Conditions to Avoid: Heat and ultraviolet light

Section 6 - Health Hazard Data

Route(s) of Entry:

Inhalation? Yes

Skin? Yes

Ingestion? Yes

Health Hazards (Acute and Chronic) - Signs and Symptoms of Exposure:

Eyes: Corrosive (FHSA)

Skin: (FHSA) skin irritation

Ingestion: Practically non-toxic; Oral LD50 (rats) >8.9 g (NaClO)/kg

Inhalation: Practically non-toxic;