



MATERIAL SAFETY DATA SHEET

N/A = Not Applicable

(Prepared According to 29 CFR 1910.1200)

Effective Date 1/26/2006

Section 1 - PRODUCT IDENTIFICATION

Product Name: ...Safeguard
 Chemical Family:N/A
 Generic Name: ...Phenomenal Disinfectant
 Formula:N/A
 Suppliers Name: . .NORTHLAND CHEMICAL CORP.
 Phone:952-469-1155
 Suppliers Address: 11380 250th Street East Lakeville, MN 55044
 Emergency:800-255-3924

NPCA Hazardous Materials Identification

| | |
|-----------------------------|---|
| Health | 1 |
| Flammability | 3 |
| Reactivity | 1 |
| Maximum Personal Protection | A |

Section 2 - INGREDIENTS

| CHEMICAL NAME | CAS NO. | OSHA PEL | ACGIH TLV | OTHER LIM | % |
|------------------|------------|----------|-----------|-----------|---|
| Ethyl Alcohol | 64-17-5 | 1000 PPM | 1000 PPM | N/A | |
| O-Phenyl Phenol | 90-43-7 | None | None | | |
| Propane/N-Butane | 68476-86-8 | 1000 PPM | 600 PPM | N/A | |

Section 3 - PHYSICAL DATA

Boiling Range: 165°F
 Vapor Pressure(mm Hg): 44
 Vapor Density(Air=1): 1
 Solubility in Water: 100%
 Appearance and Odor:
 Specific Gravity (water=1): .88
 Melting Point: N/A
 Evaporation Rate: >1
 (BUTYL ACETATE=1)
 Clear amber spray. Orange/Citrus Odor.

Section 4 - FIRE AND EXPLOSION DATA

Flash Point (Method used): 68°F
 Flammable Limits: LEL: N/A UEL: N/A
 Extinguishing Media: Standard Chemical Fire Extinguisher
 Special Fire Fighting Procedures: Self-Contained Breathing Apparatus
 Unusual Fire and Explosion Hazards: Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Contains flammable propellant.

Section 5 - REACTIVITY DATA

Stability: Stable
 Incompatibility (Materials to Avoid): Strong Oxidizers
 Hazardous Decomposition or ByProducts: None Known
 Hazardous Polymerization: Will not occur
 Conditions to Avoid: Temperatures above 120°F

Section 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage:
 Store in a cool, dry area.
 Keep away from heat, flame or sparks.

Section 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
 Primary Route of Entry:
 Skin:Contact causes drying and irritation.
 Eyes:Severe irritation.
 Ingestion:Harmful or fatal depending on amount consumed.
 Inhalation:May be irritating to mouth, nose and throat, leading to sleep and stupor.
 Medical conditions generally aggravated by exposure: None known

First Aid Procedures:
 Skin:Wash with water for 15 minutes, see physician if irritation persists.
 Eyes:Flush with water for 15 minutes, see physician if irritation persists.
 Ingestion:Induce vomiting, give copious amount of water and call physician.
 Inhalation:Remove to fresh air.

Section 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: N/A
 Protective Gloves: Only if repeated contact with skin occurs.
 Work/Hygienic Practices: Wash hands after use
 Ventilation: Local exhaust: Adequate
 Eye Protection: Safety glasses are recommended when using chemical products.
 Other Protective Clothing or Equipment: N/A

Section 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:
 Mop or wipe up spill.
 Waste Disposal Method:
 Wrap container and place in trash collection. Do not puncture or incinerate container.
 Dispose of in accordance with federal, state and local guidelines. Do not puncture or incinerate container. Do not reuse container. Wrap container and place in trash collection.