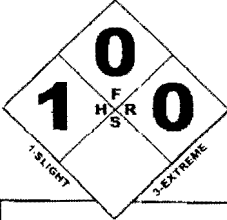


# GERMICIDAL CLEANER

## Germ-Away™ Germicidal Detergent

(1:128 Dilution Rate) S-128-GO

NFPA RATING  
0 = none to  
4 = hazardous rating



### MATERIAL SAFETY DATA SHEET (MSDS)

Per 29 CFR 1910.1200

DATE PREPARED: 10/10/01

DATE REVISED: 10/30/07

page 1 of 2

#### SECTION I

EPA REG. NO. 106-72-56177 - EPA EST. NO. 56177-IN-2



PEN Products  
Indiana Department of Correction  
6075 Lakeside Boulevard  
Indianapolis, Indiana 46278

Toll Free: (800) PEN-2550  
Direct: (317) 388-8580

24-Hour Emergency Number - Chemtrec (800) 424-9300

Identity (As listed on label): **Germ-Away™ Germicidal Detergent**  
Germicidal (1:128 Dilution)

| HMIS Hazard Ratings: |   |
|----------------------|---|
| Health               | 1 |
| Flammability         | 0 |
| Reactivity           | 0 |
| PPE                  | B |

#### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| Hazardous Components<br>(Specific Chemical Identity: Common Name(s) CAS # | ACGIH<br>TLV-TWA | Other Limits<br>Recommended Percent |
|---|------------------|-------------------------------------|
|---|------------------|-------------------------------------|

This product contains no hazardous chemical substances at 1.0% or more listed in 29 CFR 1910.1200 or ACGIH Threshold Limit Values. Also, this product contains no carcinogens at 0.1% or more listed in NTP Annual Report on Carcinogens, IARC Monographs, or 29 CFR 1910.1200. No components of this product are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

#### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

|                         |   |                             |                |
|-------------------------|---|-----------------------------|----------------|
| Boiling Point:          | 212° F  | Specific Gravity (H2O=1):   | 1.000          |
| Vapor Pressure (mm Hg): | As water                                      | Melting Point:              | Not Applicable |
| Vapor Density (Air=1):  | As water                                      | Evaporation Rate (water=1): | 1.0            |
| Solubility in Water:    | Complete                                      |                             |                |
| Appearance and Odor:    | Clear green liquid with pleasant saffron odor |                             |                |

#### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): >212°F PMCC  
Flammable Limits: LEL: NA UEL: NA  
Extinguishing Media: NA  
Special Fire Fighting Procedures: None  
Unusual Fire and Explosion Hazards: None



**SECTION V - REACTIVITY DATA**

Stability: Unstable  Stable   
 Conditions to Avoid: Do not mix with other cleaning chemicals.  
 Incompatibility (Materials to Avoid): Strong oxidizers or reducing agents  
 Hazardous Decomposition or By-products: Ammonia, nitrogen oxides  
 Hazardous Polymerization: May Occur  May Not Occur   
 Conditions to Avoid: None

**SECTION VI - HEALTH HAZARD DATA**

Route(s) of Entry: Ingestion? Yes Skin? Yes Inhalation? No Eyes? Yes  
 Health Hazards (Acute and Chronic): Direct eye contact can cause irritation. Repeated skin contact can cause irritation. Ingestion may cause irritation to mouth, throat, gastrointestinal tract.  
 Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No  
 Signs and Symptoms of Exposure: Eyes: redness, tearing. Skin: Irritation seen as redness. Ingestion: Burning pain in mouth, throat, abdomen, circulatory shock, convulsions.  
 Medical Conditions Generally Aggravated by Exposure: Dermatitis

**EMERGENCY & FIRST AID PROCEDURES:**

Eye Contact: Flush with large amounts of water for at least 15 minutes lifting upper and lower lids occasionally. If irritation persists, get medical attention.  
 Inhalation: Unlikely to occur, however, in the event of inhalation move victim to fresh air. If irritation persists, or if symptoms of overexposure develop, get medical attention.  
 Skin Contact: Wash with mild soap and water. Remove contaminated clothing and launder before reuse.  
 Ingestion: Drink large quantities of water. Avoid alcohol.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be Taken in Case Material is Released or Spilled: Mop up for disposal.  
 Waste Disposal Method: Dispose in compliance with Federal, State and Local Laws and 40 CFR.  
 Precautions to be Taken in Handling and Storing: Keep container closed when not in use.

**SECTION VIII - CONTROL MEASURES**

Respiratory Protection (Specify Type): Not Applicable  
 Ventilation: Mechanical (General): Sufficient  
 Protective Gloves: Rubber or neoprene  
 Eye Protection: Glasses if splashing is likely to occur  
 Other Protective Clothing or Equipment: Not needed.  
 Work/Hygienic Practices: Keep away from food and water supplies. Wash hands thoroughly after using product.



■ **Indiana Department of Correction**  
 6075 Lakeside Boulevard • Indianapolis, Indiana 46278  
 Phone: (317) 88-8580 • Fax: (317) 280-3003

November 21, 2003

TO: Whom It May Concern

FROM: Don Bear, Sales Representative for Chemicals

SUBJECT: **Germ-Away™ Germicidal Detergent - S-128-GC**

The purpose of this memo is to clarify the need for two MSDS's for Germ-Away™ Germicidal Detergent. The use of two MSDS's relates directly to the health risks involved with the dilution, distribution and the use of the product. On each MSDS is an HMIS rating and the difference between the concentrated product and the diluted product is called out in the HMIS rating on each MSDS. One MSDS is for the **concentrated form** of the product. The other MSDS is for the **diluted form** of the product.

**CONCENTRATED PRODUCT:**

The HMIS rating on the **concentrated** form of the product is:  
2 (Health)/0 (Flammability)/0 (Reactivity)

**DILUTED PRODUCT:**

The HMIS rating on the **diluted** form of the product is:  
1 (Health)/0 (Flammability)/0 (Reactivity)

Dilution rates are located on the label and should be followed exactly as shown.

The purpose of the HMIS rating is to identify hazardous materials in a work place, use MSDS's to determine the degree of the hazard, post signs to indicate the potential hazards for emergency crew responders and methods for employee training. The system is divided into three categories (Health, Flammability, and Reactivity) and indicates the severity of the hazard on a scale from 0 to 5.

- Agriculture
- Food Products
- Furniture
- Hickory
- Janitorial
- Joint Ventures
- Metal Products
- Park & Patio
- Printing
- Textiles
- Signage

In the Health Category:

- 0 - No special hazard
- 1 - Minimal hazard - no significant risk to health
- 2 - Slight hazard-irritation or minor reversible injury possible
- 3 - Moderate hazard-temporary or minor injury may occur
- 4 - Serious hazard-major injury likely unless prompt action and medical treatment given
- 5 - Severe hazard-life threatening

As with all chemicals, caution should be taken in the dilution process and in the use of the chemical. Personal Protective Equipment (PPE) as described on the label and on the MSDS's should always be used in the dilution process and the use process. All warnings must be adhered to, and personnel should be made aware of how to use the chemical properly. **The MSDS's and the label must be read and understood before use of any chemical to assure the safety of the worker and the proper application of the product.**

**FAILURE TO READ THE MSDS'S AND THE LABEL COULD RESULT IN INJURY TO THE USER.**

PLEASE NOTE: Both MSDS's for the Germ-Away™ Germicidal Detergent will be included with each shipment. If you do not receive both sheets or if you have any questions regarding this or any chemical we make, please call PEN Products at (317) 388-8580, ext. 269 or ext. 230.