

# SAFETY DATA SHEET

## 1. Identification

|                                                        |                                                                                                          |                |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------|
| Product identifier                                     | GERM-AWAY RTU                                                                                            |                |
| Other means of identification                          |                                                                                                          |                |
| Product number                                         | S-128-GQ / S-256-GB Diluted                                                                              |                |
| Recommended use                                        | Disinfectant Cleaner                                                                                     |                |
| Recommended restrictions                               | None known.                                                                                              |                |
| Manufacturer/Importer/Supplier/Distributor information |                                                                                                          |                |
| Manufacturer                                           |                                                                                                          |                |
| Company name                                           | PEN Products                                                                                             |                |
| Address                                                | Indiana Department of Correction<br>2010 East New York Street<br>Indianapolis, IN 46201<br>United States |                |
| Telephone                                              | 317 955-6800<br>800 736-2550                                                                             |                |
| Emergency phone number                                 | CHEMTREC                                                                                                 | 1-800-424-9300 |

## 2. Hazard(s) identification

|                                           |                                                                                                                                                      |                |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Physical hazards                          | Not classified.                                                                                                                                      |                |
| Health hazards                            | Acute toxicity, oral                                                                                                                                 | Not classified |
|                                           | Acute toxicity, dermal                                                                                                                               | Not classified |
|                                           | Skin corrosion/irritation                                                                                                                            | Not classified |
|                                           | Serious eye damage/eye irritation                                                                                                                    | Not classified |
| OSHA defined hazards                      | Not classified.                                                                                                                                      |                |
| Label elements                            |                                                                                                                                                      |                |
| Hazard symbol                             | None.                                                                                                                                                |                |
| Signal word                               | None.                                                                                                                                                |                |
| Hazard statement                          | This product is not hazardous as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.                                                 |                |
| Prevention                                | Avoid contact with skin and eyes. If contact is likely, safety glasses with side shields are recommended. Observe good industrial hygiene practices. |                |
| Response                                  | Wash hands after handling.                                                                                                                           |                |
| Storage                                   | Store away from incompatible materials. Keep out of the reach of children.                                                                           |                |
| Disposal                                  | Dispose of waste and residues in accordance with local authority requirements.                                                                       |                |
| Hazard(s) not otherwise classified (HNOC) | None known.                                                                                                                                          |                |
| Supplemental information                  | None known.                                                                                                                                          |                |

## 3. Composition/information on ingredients

|                      |                                                                                        |
|----------------------|----------------------------------------------------------------------------------------|
| Mixtures             |                                                                                        |
| Composition comments | The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200. |

## 4. First-aid measures

|              |                                                                                          |
|--------------|------------------------------------------------------------------------------------------|
| Eye contact  | Rinse with water. Get medical attention if irritation develops and persists.             |
| Skin contact | Wash off with soap and water. Get medical attention if irritation develops and persists. |

# GERM-AWAY RTU(Diluted)

Product #: S-128-GQ / S-256-GB

|                                                    |                                                                                                                  |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Ingestion                                          | Rinse mouth. Get medical attention if symptoms occur.                                                            |
| Inhalation                                         | Move to fresh air. Call a physician if symptoms develop or persist.                                              |
| Notes to physician                                 | Treat symptomatically.                                                                                           |
| Most important symptoms/effects, acute and delayed | Direct contact with eyes may cause temporary irritation.                                                         |
| General information                                | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |

## 5. Fire-fighting measures

|                                                               |                                                                                               |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Suitable extinguishing media                                  | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).                                   |
| Unsuitable extinguishing media                                | None known.                                                                                   |
| Specific hazards arising from the chemical                    | During fire, gases hazardous to health may be formed.                                         |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |

## 6. Accidental release measures

|                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.                                                                                                                                                                                                                                                                                                                                                                |
| Methods and materials for containment and cleaning up               | <p>Large Spills: Stop the flow of material, if this is without risk. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.</p> |

## 7. Handling and storage

|                                                              |                                                                                                                             |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Precautions for safe handling                                | Avoid prolonged exposure. Observe good industrial hygiene practices.                                                        |
| Conditions for safe storage, including any incompatibilities | Keep tightly closed. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS). |

## 8. Exposure controls/personal protection

|                                                                       |                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appropriate engineering controls                                      | Use general ventilation.                                                                                                                                                                                              |
| Individual protection measures, such as personal protective equipment |                                                                                                                                                                                                                       |
| Eye/face protection                                                   | If contact is likely, safety glasses with side shields are recommended.                                                                                                                                               |
| Skin protection                                                       |                                                                                                                                                                                                                       |
| Hand protection                                                       | For prolonged or repeated skin contact use suitable protective gloves.                                                                                                                                                |
| Respiratory protection                                                | When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.                                                                                                      |
| General hygiene considerations                                        | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. |

## 9. Physical and chemical properties

|                |                       |
|----------------|-----------------------|
| Appearance     | clear Form<br>Liquid. |
| Color          | light green           |
| Odor           | Pleasant Sassafrass   |
| Odor threshold | Not available.        |

# GERM-AWAY RTU(Diluted)

Product #: S-128-GQ / S-256-GB

|                                              |                 |
|----------------------------------------------|-----------------|
| pH                                           | 4.2             |
| Melting point/freezing point                 | Not available.  |
| Boiling point                                | 212 °F (100 °C) |
| Flash point                                  | None To Boiling |
| Evaporation rate                             | Not available.  |
| Flammability (solid, gas)                    | Not available.  |
| Upper/lower flammability or explosive limits |                 |
| Flammability limit - lower (%)               | Not available.  |
| Flammability limit - upper (%)               | Not available.  |
| Vapor pressure                               | Not available.  |
| Vapor density                                | Not available.  |
| Solubility(ies)                              |                 |
| Solubility (water)                           | 100 %           |
| Partition coefficient (n-octanol/water)      | Not available.  |
| Auto-ignition temperature                    | Not available.  |
| Decomposition temperature                    | Not available.  |
| Viscosity                                    | Not available.  |
| Specific gravity                             | 1               |
| VOC (Weight %)                               | 0 %             |

## 10. Stability and reactivity

|                                    |                                                                                               |
|------------------------------------|-----------------------------------------------------------------------------------------------|
| Reactivity                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability                 | Material is stable under normal conditions.                                                   |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use.                                   |
| Conditions to avoid                | Contact with incompatible materials.                                                          |
| Incompatible materials             | Oxidizing agents.                                                                             |
| Hazardous decomposition products   | No hazardous decomposition products are known.                                                |

## 11. Toxicological information

### Toxicological data

| Product                                                                      | Test Results                                                                    |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| GERM-AWAY RTU (Mixture)                                                      | Acute Dermal LD50 Rabbit: > 5000 mg/kg<br>Acute Oral LD50 Rat: > 5000 mg/kg     |
| Information on likely routes of exposure                                     |                                                                                 |
| Eye contact                                                                  | Direct contact with eyes may cause temporary irritation.                        |
| Skin contact                                                                 | No adverse effects due to skin contact are expected.                            |
| Ingestion                                                                    | Expected to be a low ingestion hazard.                                          |
| Inhalation                                                                   | Prolonged inhalation may be harmful.                                            |
| Symptoms related to the physical, chemical and toxicological characteristics | Direct contact with eyes may cause temporary irritation.                        |
| Carcinogenicity                                                              | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. |

## GERM-AWAY RTU(Diluted)

Product #: S-128-GQ / S-256-GB

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

|                           |                                                                              |
|---------------------------|------------------------------------------------------------------------------|
| Reproductive toxicity     | This product is not expected to cause reproductive or developmental effects. |
| Chronic effects           | Prolonged inhalation may be harmful.                                         |
| Toxicological information | Occupational exposure to the substance or mixture may cause adverse effects. |

### 12. Ecological information

|                               |                                                                                                                                                                                                    |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ecotoxicity                   | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| Persistence and degradability | No data is available on the degradability of this product.                                                                                                                                         |
| Bioaccumulative potential     | No data available.                                                                                                                                                                                 |
| Other adverse effects         | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.            |

### 13. Disposal considerations

|                                       |                                                                                                                                                                                                                  |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Disposal instructions                 | Collect and reclaim or dispose in sealed containers at licensed waste disposal site.                                                                                                                             |
| Hazardous waste code                  | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.                                                                                                   |
| Waste from residues / unused products | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| Contaminated packaging                | Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.       |

### 14. Transport information

|      |                                   |
|------|-----------------------------------|
| DOT  | Not regulated as dangerous goods. |
| IATA | Not regulated as dangerous goods. |
| IMDG | Not regulated as dangerous goods. |

### 15. Regulatory information

US federal regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

CERCLA (Superfund) reportable quantity

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

|                   |                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------|
| Hazard categories | Immediate Hazard - No<br>Delayed Hazard - No<br>Fire Hazard - No<br>Pressure Hazard - No<br>Reactivity Hazard - No |
|-------------------|--------------------------------------------------------------------------------------------------------------------|

|                                        |    |
|----------------------------------------|----|
| SARA 302 Extremely hazardous substance | No |
|----------------------------------------|----|

|                                 |    |
|---------------------------------|----|
| SARA 311/312 Hazardous chemical | No |
|---------------------------------|----|

## GERM-AWAY RTU(Diluted)

Product #: S-128-GQ / S-256-GB

SARA 313 (TRI reporting)

Not regulated.

## Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

## US state regulations

US. Massachusetts RTK - Substance List

Not regulated.

US. New Jersey Worker and Community Right-to-Know Act

Not regulated.

US. Pennsylvania RTK - Hazardous Substances

Not regulated.

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

## International Inventories

| Country(s) or region        | Inventory name                                                         | On inventory (yes/no)* |
|-----------------------------|------------------------------------------------------------------------|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | No                     |
| Canada                      | Domestic Substances List (DSL)                                         | No                     |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | No                     |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                     |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                       | Existing Chemicals List (ECL)                                          | No                     |
| New Zealand                 | New Zealand Inventory                                                  | No                     |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances              | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

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

Issue date 04-13-2015

Revision date 10-20-2015

Version # 07

Further information This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: CAUTION Moderate eye irritation Harmful if swallowed, inhaled or absorbed through the skin.

## GERM-AWAY RTU (Diluted)

Product#: S-128-GQ / S-256-GB

### Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release.