SAFETY DATA SHEET
Hartz UltraGuard RID Worm Liquid

1. Product and Company Identification

Product Code: (UPC: 3270014108)
Product Name: Hartz UltraGuard RID Worm Liquid
Reference #: (600903)
Company Name: The Hartz Mountain Corporation
400 Plaza Drive, Secaucus, NJ 07094

Phone Number: (201)271-4800

2. Hazards Identification

Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2B

GHS Signal Word: Warning
GHS Precaution Phrases: P284 - Wash hands thoroughly after handling. P262 - Do not get in eyes, on skin, or on clothing.
GHS Response Phrases: P302+352 - IF ON SKIN: Wash with plenty of soap and water. P332+313 - If skin irritation occurs, get medical advice/attention. P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P313 - Get medical advice/attention.

GHS Storage and Disposal Phrases:
Potential Health Effects (Acute and Chronic): Hazards not otherwise classified (HNOC) or not covered by GHS. None.

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>144-29-6</td>
<td>Piperazinyl citrate</td>
<td>5.75 %</td>
</tr>
</tbody>
</table>

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

In Case of Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

In Case of Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

In Case of Ingestion: No specific treatment is necessary, since this material is expected to be non-hazardous.
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5. Fire Fighting Measures
Flash Pt:
Explosive Limits: LEL: UEL:
Autoignition Pt:
Suitable Extinguishing Media: Not available.
Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary.
Flammable Properties and Carbon oxides.
Hazards:
Hazardous Combustion Products:

6. Accidental Release Measures
Environmental Precautions: Do not let product enter drains.
Steps To Be Taken In Case Use protective personal equipment as indicated in Section 8.
Material Is Released Or Spills/Leaks: Provide ventilation. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Keep in suitable, closed containers for disposal.
Spilled:

7. Handling and Storage
Precautions To Be Taken In Handling:
No special handling procedures are required.
Precautions To Be Taken In Storing:
Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Partial Chemical Name</th>
<th>OSHA TWA</th>
<th>ACGIH TWA</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>144-20-6</td>
<td>Piperazine citrate</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Respiratory Equipment
Respirator protection is not normally required. Not required.
(Specify Type):
Eye Protection:
Eye protection is not normally required.
Protective Gloves:
Protective garments not normally required.
Other Protective Clothing:
Protective garments not normally required.
Engineering Controls
There are no special ventilation requirements. Use adequate ventilation to keep airborne concentrations low. Safety shower and eye bath. Mechanical exhaust required.
(Ventilation etc.):
Work/Hygienic/Maintenance
General industrial hygiene practice. Wash thoroughly after handling.
Practices:
9. Physical and Chemical Properties

Physical States: [ ] Gas  [X] Liquid  [ ] Solid

pH:
Melting Point:
Boiling Point:
Flash Pt:
Evaporation Rate:
Flammability (solid, gas):
Explosive Limits: LEL:  UEL:
Vapor Pressure (vs. Air or mm Hg):
Vapor Density (vs. Air = 1):
Specific Gravity (Water = 1):
Solubility In Water:
Octanol/Water Partition Coefficient:
Autoignition Pt:
Decomposition Temperature:
Viscosity:

10. Stability and Reactivity

Stability: Unstable [ ]  Stable [X]
Conditions To Avoid - Instability:
Incompatibility - Materials To Avoid:
Strong oxidizing agents.
Hazardous Decomposition or Byproducts: Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulfur oxides, Sodium/sodium oxides.
Possibility of Hazardous Reactions:
Will occur [ ]  Will not occur [X]
Conditions To Avoid - Hazardous Reactions:
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11. Toxicological Information

Toxicological Information: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Sensitization: No data available.

Carcinogenicity/Other Information:
- IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
- NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
- OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

Ecotoxicity: No information available.

Physical: No information available.

Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

14. Transport Information

LAND TRANSPORT (US DOT):
- DOT Proper Shipping Name: Not Regulated.
- DOT Hazard Class:
- UN/NA Number:

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>S. 302 (EHS)</th>
<th>S. 304 RQ</th>
<th>S. 313 (TRI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>144-20-6</td>
<td>Piperazine citrate</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

This material meets the EPA Hazard Categories defined for SARA Title III Sections 311/312 as indicated:

- [ ] Yes [ ] No Acute (Immediate) Health Hazard
- [ ] Yes [ ] No Chronic (delayed) Health Hazard
- [ ] Yes [ ] No Fire Hazard
- [ ] Yes [ ] No Sudden Release of Pressure Hazard
- [ ] Yes [ ] No Reactive Hazard

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16. Other Information

Revision Date: 01/14/2016

Additional Information About This Product:

Company Policy or Disclaimer:

The information provided on the SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information is given only to act as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.