Part #: 70000 series

Manufacture/Supplier: Anti-Seize Technology
2345 N. 17th Ave.
Franklin Park, IL 60131

Phone: 847-455-2300
Fax: 847-455-2371
Web: antiseize.com

Emergency Phone, 24 hr: Infotrac @ 1-800-535-5053 (US & Canada)
1-352-323-3500 (International)
Web: infotrac.net

Product Use: rust converter
Restriction of Use:

Date: December 11, 2017

Section 2 - Hazard Identification

GHS Classification (Hazcom 2012):

Label Elements: Not required

Signal word: Not required

Hazard Phrases: Not required

Precautionary Phrases:
Keep out of reach of children.
Keep container tightly closed.
Keep only in original container.
Avoid breathing mist.
Wash with soap and water after use.
Use personal protective equipment as required.
If medical advice is needed, have product container or label at hand.

Response:
Eyes: IF IN EYES: Rinse with water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention.

Skin: Wash with soap and water. If skin irritation occurs: Get medical advice/attention.
**Ingestion:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

**Inhalation:** IF INHALED: Remove to fresh air if breathing is labored.

**Storage:**
When not in use keep container closed
Keep away from children

**Disposal:** Dispose of contents in accordance with local, regional and national regulations.

**Other Hazards:** none known

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### Section 3- Composition/ Information on Ingredients

<table>
<thead>
<tr>
<th>CHEMICAL</th>
<th>CAS NUMBER</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tannic Acid</td>
<td>1401-55-4</td>
<td>1-5</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>111-76-2</td>
<td>1-5</td>
</tr>
</tbody>
</table>

The specific identity and/or exact percentage of composition has been withheld as a trade secret.

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### Section 4 – First Aid Measures

**Eye:** Flush eyes with water, holding the eyelids apart. Remove contact lenses if present and easy to do. Get medical attention if irritation develops or persists.

**Skin:** Wash thoroughly with plenty of soap and water. Get medical attention if irritation persists.

**Inhalation:** Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention.

**Ingestion:** May be harmful or fatal if swallowed. If large amounts ingested, seek medical attention or call a Poison Control center. Rinse mouth with water. Give person 1-2 glasses of water. Do NOT induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.

**Most Important symptoms and effects, both acute and delayed:** None known.

**Indication of any immediate medical attention and special treatment needed:** Immediate medical attention generally not required. Treat symptomatically.

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### Section 5 – Fire Fighting Measures

**Suitable and Unsuitable Extinguishing Media:** This product is water based and will not burn. Use water spray to cool containers or fog, foam, carbon dioxide or dry chemical.

**Special Hazards Arising from the Chemical:** This compound will not burn. Water fog may be used to cool the containers but do not spray directly into large containers of burning liquids as frothing may occur. Dense smoke and noxious or toxic fumes may be generated in a fire. The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

**Special Equipment and Precautions for Fire-Fighters:** Wear NIOSH approved positive pressure,
self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

**Section 6 – Accidental Release Measures**

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear appropriate personal protective equipment. Use caution: slip hazard.

**Environmental Hazards:** Report spills and releases as required to appropriate authorities.

**Methods and Material for Containment and Cleaning Up:** Collect liquid spill with an inert absorbent material and place into a suitable container for disposal.

**Section 7 – Handling and Storage**

**Precautions for Safe Handling:** Avoid contact with eyes. Avoid prolonged skin contact. Do not transfer to unlabeled containers.

**Conditions for Safe Storage, Including any Incompatibilities:** Store away from extreme heat and open flames. Store away from oxidizers.

**Section 8 – Exposure Controls / Personal Protection**

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>EXPOSURE LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tannic acid</td>
<td>OSHA PEL: Not established</td>
</tr>
<tr>
<td>2 Butoxyethanol</td>
<td>OSHA PEL, 25 ppm skin</td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV, 25 ppm, skin</td>
</tr>
</tbody>
</table>

**Appropriate Engineering Controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the exposure limits.

**Individual Protection Measures:** If spraying, wear a NIOSH approved Organic vapor respirator. Wear protective gloves.

**Respiratory Protection:** In operations where the occupational exposure limits are exceeded, a NIOSH approved respirator with organic vapor/particulate cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

**Skin Protection:** Impervious gloves such as rubber or nitrile recommended where needed to avoid prolonged skin contact.

**Eye Protection:** Safety glasses or goggles recommended where needed to avoid eye contact.

**Section 9 – Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Vapor Density (air = 1): No data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tan colored liquid</td>
<td></td>
</tr>
<tr>
<td>Odor: Mild</td>
<td>Specific Gravity: 1.06</td>
</tr>
<tr>
<td>Property</td>
<td>Value</td>
</tr>
<tr>
<td>------------------------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not established</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>soluble</td>
</tr>
<tr>
<td>pH</td>
<td>1.5-2.5</td>
</tr>
<tr>
<td>Octanol/Water Partition Coefficient</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>No data</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>200°F, estimated</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not flammable</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data</td>
</tr>
<tr>
<td>Explosion Properties</td>
<td>None</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td></td>
</tr>
<tr>
<td>LEL</td>
<td>Not established</td>
</tr>
<tr>
<td>UEL</td>
<td>Not established</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Not oxidizing</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not established</td>
</tr>
<tr>
<td>Aerosol Fire Protection Level</td>
<td>Not applicable</td>
</tr>
<tr>
<td>VOC Content</td>
<td>&lt;4.0%</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td></td>
</tr>
</tbody>
</table>

**Section 10 – Stability and Reactivity**

**Reactivity:** Not reactive under normal conditions of use.

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** None known

**Conditions to Avoid:** Use with strong oxidizing chemicals and alkalis.

**Incompatible Materials:** Avoid strong oxidizing agents and acids.

**Hazardous Decomposition Products:** The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

**Section 11 – Toxicological Information**

**Potential Health Effects:**

**Eye:** May cause mild irritation.

**Skin:** Prolonged contact may cause mild irritation of the skin.

**Inhalation:** No adverse effects expected at ambient temperatures.

**Ingestion:** Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea. Refer to Section 4 for additional information.

**Chronic Hazards:** No data

**Carcinogen Status:** None of the components of this product are listed as carcinogens by IARC, NTP or OSHA.
Section 12 – Ecological Information

Ecotoxicity:

The product contains following substances which are hazardous for the environment.

<table>
<thead>
<tr>
<th>Component</th>
<th>Freshwater algae</th>
<th>Freshwater fish</th>
<th>Microtox</th>
<th>Water Flea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tannic Acid</td>
<td>Not listed</td>
<td>37mg/L LC50, 96h</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>2-Butoxyethanol</td>
<td>Not Listed</td>
<td>&gt;100mg/L, LC50 96h</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

Bioaccumulative Potential: Not expected to bioaccumulate

Mobility in Soil: No Data

Other Adverse Effects: No Data

Section 13 – Disposal Consideration

Waste disposal: Dispose of in a responsible manner. Follow local, state and federal guidelines. Do not discharge into sewers or waterways. Incineration is the preferred method of disposal, although it may be land filled at an approved facility.

Section 14- Transport Information

DOT
Proper Shipping Name: Not Regulated
DOT Hazard Class: None
UN Number: None
Packing Group: None

IMDG
Shipping Description: Not Regulated
Hazard Class: None
Identification Number: None
Packing Group: None

ICAO/IATA
Shipping Description: Not Regulated
ID Number: Not Regulated
Hazard Class: Not Regulated
Packing Group: None

Section 15 – Regulatory Information

CERCLA Hazardous Substances (Section 103)/RQ: This product is not subject to reporting requirements under CERCLA. However, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA 302: No chemicals are subject to the reporting requirements.

SARA Hazard Category (311/312): Not Hazardous

SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313: None
**EPA TSCA Inventory:** All of the components of this product are listed on the TSCA inventory.

**CALIFORNIA PROPOSITION 65:** This product is not known to contain listed chemicals

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**Section 16 – Other Information:**

The information contained herein is based on data considered accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use of his product. Therefore, because the product may be used under conditions beyond our control, we assume no liability for its use.