Clax Rust & Tannin Treatment 3

1. IDENTIFICATION

Product name: Clax Rust & Tannin Treatment 3
Product Code: 93663070
SDS #: MS0800082
Recommended use: • Laundry care
Uses advised against: Uses other than those identified are not recommended

Manufacturer, importer, supplier:
US Headquarters
Diversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-1964
Phone: 1-888-352-2249
MSDS Internet Address: www.diversey.com

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product
- Serious eye damage/eye irritation: Category 1
- Flammability: Combustible liquid, Category 4

Signal Word: Danger.

Precautionary Statements:

COMBUSTIBLE LIQUID. CAUSES SERIOUS EYE DAMAGE.
Causes burns serious damage to mouth, throat and stomach. Avoid contact with eyes, skin and clothing. Keep away from flames and hot surfaces.
No smoking. Keep container tightly closed. Wash affected areas thoroughly after handling. Wear chemical-splash goggles and chemical-resistant gloves. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Poison Center (1-800-851-7145) or physician.
In case of fire: Use CO2, dry chemical, or foam to extinguish. Store in a well-ventilated place. Keep cool. Dispose of in accordance with all federal, state and local applicable regulations.

Health hazards not otherwise classified (HHNOC): Not applicable
Physical hazards not otherwise classified (PHNOC): Not applicable
3. COMPOSITION/INFORMATION ON INGREDIENTS

### Classified Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol ethoxylates</td>
<td>68131-39-5</td>
<td>3% - &lt; 5%</td>
</tr>
<tr>
<td>Ammonium bifluoride</td>
<td>1341-49-7</td>
<td>&gt; 0.1% - &lt; 1%</td>
</tr>
<tr>
<td>Oxalic acid</td>
<td>144-62-7</td>
<td>&gt; 0.1% - &lt; 1%</td>
</tr>
</tbody>
</table>

*Exact percentages are being withheld as trade secret information

### Other Ingredients

4. FIRST AID MEASURES

#### Undiluted Product:

**Eyes:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

**Skin:** Rinse with plenty of water. If irritation occurs and persists, get medical attention.

**Inhalation:** If inhaled: Remove person to fresh air and keep comfortable for breathing.

**Ingestion:** If swallowed: Rinse mouth. Do not induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

**Most Important Symptoms/Effects:** No information available.

**Immediate medical attention and special treatment needed:** Not applicable.

**Aggravated Medical Conditions:** Persons with pre-existing skin disorders may be more susceptible to irritating effects.

#### Diluted Product:

This product is intended to be used neat.

**Eyes:** See undiluted product information above.

**Skin:** See undiluted product information above.

**Inhalation:** See undiluted product information above.

**Ingestion:** See undiluted product information above.

5. FIRE-FIGHTING MEASURES

**Specific methods:** No special methods required

**Suitable extinguishing media:** Carbon dioxide, Dry chemical, Foam.

**Specific hazards:** Not applicable.

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Extinguishing media which must not be used for safety reasons:** No information available.

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Put on appropriate personal protective equipment (see Section 8.).

**Environmental precautions and clean-up methods:** Clean-up methods - large spillage. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin, eyes and clothing. Do not taste or swallow. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. COMBUSTIBLE LIQUID AND VAPOR. Keep away from open flames, hot surfaces and sources of ignition. Use only in well-ventilated areas. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage: Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.
Aerosol Level (if applicable): Not applicable

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol ethoxylates</td>
<td>68131-39-5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ammonium bifluoride</td>
<td>1341-49-7</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Undiluted Product:
Engineering measures to reduce exposure: No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment
- **Eye protection:** Chemical-splash goggles.
- **Hand protection:** Chemical-resistant gloves.
- **Skin and body protection:** No special protective clothing is required.
- **Respiratory protection:** No special protective clothing is required.
- **Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:
This product is intended to be used neat.

Personal Protective Equipment
- **Eye protection:** Chemical-splash goggles.
- **Hand protection:** Chemical-resistant gloves.
- **Skin and body protection:** No special protective clothing is required.
- **Respiratory protection:** No special protective clothing is required.
- **Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES:

- **Physical State:** Liquid
- **Evaporation Rate:** No information available
- **Color:** Clear, Colorless
- **Odor:** Characteristic
- **Odor threshold:** No information available.
- **Boiling point/range:** Not determined
- **Melting point/range:** Not determined
- **Decomposition temperature:** Not determined
- **Autoignition temperature:** No information available
- **Solubility in other solvents:** No information available
- **Density:** 8.42 lbs/gal 1.01
- **Relative Density (relative to water):** 1.01
- **Vapor density:** No information available
- **Vapor pressure:** No information available
- **Viscosity:** No information available
- **Partition coefficient (n-octanol/water):** No information available
- **Flash point:** 150 °F 65.6 °C
- **Flash point/Range:** 150 °F 65.6 °C
- **VOC:** 1.98 %*
- **pH:** 4.0 @ RTU
- **Metal Corrosion:** Not determined
- **Explosion limits:** - upper: Not determined - lower: Not determined

10. STABILITY AND REACTIVITY

- **Reactivity:** Not Applicable
- **Stability:** The product is stable
- **Hazardous decomposition products:** None reasonably foreseeable.
- **Materials to avoid:** Strong bases.
- **Conditions to avoid:** Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:
- Eye contact, Skin contact, Inhalation, Ingestion
Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

**Skin contact:** May be mildly irritating to skin. Symptoms may include redness and/or transient discomfort.

**Eye contact:** Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.

**Ingestion:** Causes burns/serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea.

**Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.

**Sensitization:** No known effects.

**Numerical measures of toxicity**

| ATE - Oral (mg/kg) |  >5000 |

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** No information available.

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste from residues / unused products:** This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**Contaminated Packaging:** Do not re-use empty containers.

**RCRA Hazard Class (undiluted product):** Not Regulated

RCRA Hazard Class (diluted product): Not Applicable

**14. TRANSPORT INFORMATION**

**DOT/TDG/IMDG:** Proper shipping descriptions can vary by pack size. Please refer to the Diversey HazMat Library, only available through Internet Explorer, http://naextranet.diversey.com/dot/, for up to date shipping information.

**DOT (Ground) Bill of Lading Description:** CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

**IMDG (Ocean) Bill of Lading Description:** CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

**15. REGULATORY INFORMATION**

**International Inventories at CAS# Level**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

**U.S. Regulations**

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65.

**RIGHT TO KNOW (RTK)**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>MARTK:</th>
<th>NJRTK:</th>
<th>PARTK:</th>
<th>RIRTK:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Alcohol ethoxylates</td>
<td>68131-39-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>-</td>
</tr>
<tr>
<td>Ammonium bifluoride</td>
<td>1341-49-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Oxalic acid</td>
<td>144-62-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>-</td>
</tr>
</tbody>
</table>

**CERCLA/ SARA**

Clax Rust & Tannin Treatment 3
<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>CERCLA/SARA RQ (lbs)</th>
<th>Section 302 TPQ (lbs)</th>
<th>Section 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>&gt; 0.1% - &lt; 1%</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Ammonium bifluoride</td>
<td>1341-49-7</td>
<td>&gt; 0.1% - &lt; 1%</td>
<td>100</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

**CAA HAP/CAA ODS/CWA Priority Pollutants: None**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAA HAP</th>
<th>CAA ODS</th>
<th>CWA Priority Pollutants</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethanol</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SARA 311/312 Hazard Categories**

- Immediate: x
- Delayed: -
- Fire: x
- Reactivity: -
- Sudden Release of Pressure: -

**Canadian Regulations**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>NPRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>X</td>
</tr>
</tbody>
</table>

### 16. OTHER INFORMATION

**NFPA (National Fire Protection Association)**
Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

- Health: 3
- Flammability: 2
- Instability: 0

**Version Number:** 3  
**Preparation date:** 2015-04-07

**Reason for revision:** Not applicable  
**Prepared by:** NAPRAC  
**Additional advice:** • Does not contain an added fragrance

*Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.*