MATERIAL SAFETY DATA SHEET

Rust & Tannin Stain Treatment 3

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Rust & Tannin Stain Treatment 3
MSDS #: MS0300191
Product Code: 3663070
Recommended use: Laundry care.

Manufacturer, importer, supplier:
US Headquarters
JohnsonDiversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-1964
Phone: 1-888-352-2249
MSDS Internet Address: www.johnsondiversey.com
Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Principle routes of exposure:
Eye contact. Skin contact. Inhalation.

Eye contact: Severe eye irritation.
Skin contact: Severe skin irritation.
Inhalation: May be irritating to nose, throat, and respiratory tract.
Ingestion: May cause irritation to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>LD50 Oral - Rat (mg/kg)</th>
<th>LD50 Dermal - Rabbit</th>
<th>LC50 Inhalation - Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium bifluoride</td>
<td>1341-49-7</td>
<td>0.1 - 1.5%</td>
<td>130</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>0.1 - 1.5%</td>
<td>470</td>
<td>220 mg/kg</td>
<td>2.21 mg/L (4 h); 450 ppm (4 h)</td>
</tr>
<tr>
<td>Oxalic acid</td>
<td>144-62-7</td>
<td>0.1 - 1.5%</td>
<td>375</td>
<td>Not available</td>
<td>Not available</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
Skin contact: Flush immediately with plenty of water for at least 15 minutes. Get medical attention.
Inhalation: If breathing is affected, remove to fresh air. Get medical attention.
Ingestion: Give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

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

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use dry chemical, CO2, water spray or "alcohol" foam.
Specific hazards: Not applicable
Unusual hazards: None known
Specific methods: No special methods required

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.
5. FIRE-FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment
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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Personal Protective Equipment

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>20 ppm (TWA)</td>
<td>Skin 240 mg/m³ (TWA)</td>
<td>75 ppm (STEL) 360 mg/m³ (STEL)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50 ppm (TWA)</td>
<td>26 ppm (TWA) 120 mg/m³ (TWA)</td>
</tr>
<tr>
<td>Oxalic acid</td>
<td>144-62-7</td>
<td>2 mg/m³ (STEL)</td>
<td>1 mg/m³ (TWA)</td>
<td>2 mg/m³ (STEL) 1 mg/m³ (TWA)</td>
</tr>
</tbody>
</table>

| 2 mg/m³ (STEL) | 1 mg/m³ (TWA) |

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State:</th>
<th>Liquid</th>
<th>Bulk density:</th>
<th>No information available</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH:</td>
<td>4.0</td>
<td>Dilution pH:</td>
<td>No information available.</td>
</tr>
<tr>
<td>Appearance:</td>
<td>Liquid</td>
<td>Vapor density:</td>
<td>No information available</td>
</tr>
<tr>
<td>Color:</td>
<td>Clear Colorless</td>
<td>Evaporation Rate:</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor:</td>
<td>Characteristic</td>
<td>Boiling point/range:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Specific gravity:</td>
<td>1.01</td>
<td>Melting point/range:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Density:</td>
<td>8.42 lbs/gal</td>
<td>Decomposition temperature:</td>
<td>Not determined</td>
</tr>
<tr>
<td>VOC:</td>
<td>2.3% *</td>
<td>Autoignition temperature:</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash point:</td>
<td>&gt;150°F &gt;65.6°C</td>
<td>Partition coefficient (n-octanol/water):</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility:</td>
<td>Completely Soluble</td>
<td>Solubility in other solvents:</td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>No information available</td>
<td>Elemental Phosphorus:</td>
<td>0% by wt.</td>
</tr>
</tbody>
</table>

Explosion limits: - lower: Not determined - upper: Not determined

- Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerization does not occur
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Strong bases.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:
Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg
Component Information: See Section 3

Chronic toxicity:
Repeated exposure to low levels of fluoride through ingestion, inhalation, or dermal absorption - if posing a skin absorption hazard - can cause fluorosis. The primary target is the skeletal system. Effects can include osteoporosis, increased bone density, mottled tooth enamel, and calcification of ligaments. 

Rust & Tannin Stain Treatment 3 2 of 4
11. TOXICOLOGICAL INFORMATION

Specific effects
- Carcinogenic effects: None known
- Mutagenic effects: None known
- Reproductive toxicity: None known
- Target organ effects: None known

Hazardous ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>NTP</th>
<th>IARC</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td></td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories
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

STATE RIGHT TO KNOW

<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>Ammonium bifluoride</td>
<td>1341-49-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>-</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</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>X</td>
</tr>
<tr>
<td>Alcohol ethoxylates</td>
<td>68131-39-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

CERCLA/SARA

<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>Ammonium bifluoride</td>
<td>1341-49-7</td>
<td>0.1 - 1.5%</td>
<td>100</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>0.1 - 1.5%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

None

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

Canada

WHMIS hazard class: B3 Combustible liquid, D2B Toxic materials.

16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRA
16. OTHER INFORMATION

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.
MATERIAL SAFETY DATA SHEET

Enzyme Treatment 2

1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th></th>
<th>HMIS</th>
<th>NFPA</th>
<th>Personal protective equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>1</td>
<td>1</td>
<td>None / Aucune / Ninguno</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>2</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

**Product name:** Enzyme Treatment 2

**MSDS #:** MS0300324

**Product Code:** 3663037

**Recommended use:** Laundry care.

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

2. HAZARDS IDENTIFICATION

**Principle routes of exposure:**
- Eye contact
- Skin contact
- Inhalation

**Eye contact:** May be mildly irritating to eyes.

**Skin contact:** May be mildly irritating to skin.

**Inhalation:** Contains enzymes which may produce respiratory allergy if inhaled in spray or dust.

**Ingestion:** None known.

**Aggravated Medical Conditions:**
Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous ingredients</th>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>LD50 Oral - Rat (mg/kg)</th>
<th>LD50 Dermal - Rabbit</th>
<th>LC50 Inhalation - Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bacterial spore suspension</td>
<td>TS*</td>
<td>1 - 5%</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td></td>
<td>Propylene glycol methyl ether</td>
<td>107-98-2</td>
<td>1 - 5%</td>
<td>5200</td>
<td>5200</td>
<td>Not available</td>
</tr>
<tr>
<td></td>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>1 - 5%</td>
<td>470</td>
<td>220</td>
<td>2.21 mg/L (4 h); 450 ppm (4 h)</td>
</tr>
<tr>
<td></td>
<td>Sodium lauryl sulfate</td>
<td>151-21-3</td>
<td>1 - 5%</td>
<td>1288</td>
<td>580</td>
<td>&gt;3900 mg/m³ (1 h)</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

**Eye contact:**
Flush immediately with plenty of water. If irritation develops, get medical attention.

**Skin contact:**
Flush immediately with plenty of water. If irritation develops, get medical attention.

**Inhalation:**
If breathing is affected, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

**Ingestion:**
No specific first aid measures are required.

**Aggravated Medical Conditions:**
Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**
Use dry chemical, CO2, water spray or “alcohol” foam.

**Specific hazards:**
Enzyme - dust and aerosols may cause allergic respiratory reaction.

**Unusual hazards:**
None known.

**Specific methods:**
No special methods required.

**Autoignition temperature:**
No information available.
5. FIRE-FIGHTING MEASURES

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. Wear self contained breathing apparatus for fire fighting if necessary.

Extinguishing media which must not be used for safety reasons: None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Put on appropriate personal protective equipment (see Section 8.). Ensure adequate ventilation. In case of an incident in a confined area wear suitable respiratory protection. Mop or use low-pressure water spray which will not create aerosols.

Environmental precautions and clean-up methods: Remove immediately by using vacuum with filter or mopping or washing. Sweeping, blowing, splashing, or high-pressure flushing should be avoided as this creates dust or aerosols. Remove and wash contaminated clothing.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. COMBUSTIBLE LIQUID AND VAPOR. Keep away from open flames, hot surfaces and sources of ignition. Use only in well-ventilated areas. Do not spray into the air. Do not create aerosols or mists. Do not breathe dust or mist. 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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure: No special ventilation requirements. General room ventilation is adequate. Personal Protective Equipment

Eye protection: No special requirements under normal use conditions.

Hand protection: No special requirements under normal use conditions

Skin and body protection: No special requirements under normal use conditions.

Respiratory protection: No special requirements under normal use conditions.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol methyl ether</td>
<td>107-96-2</td>
<td>150 ppm (STEL)</td>
<td>100 ppm (TWA)</td>
<td></td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>20 ppm (TWA)</td>
<td>Skin</td>
<td>75 ppm (STEL)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>240 mg/m³ (TWA)</td>
<td>360 mg/m³ (STEL)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50 ppm (TWA)</td>
<td>26 ppm (TWA)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>120 mg/m³ (TWA)</td>
</tr>
</tbody>
</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>pH</td>
<td>9.0</td>
</tr>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Cloudy Amber</td>
</tr>
<tr>
<td>Odor</td>
<td>Fresh</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>No information available</td>
</tr>
<tr>
<td>Density</td>
<td>1.01 lbs/gal Kg/L</td>
</tr>
<tr>
<td>VOC</td>
<td>1.5% *</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt;150°F &gt;65.6°C</td>
</tr>
<tr>
<td>Solubility</td>
<td>Completely Soluble</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available</td>
</tr>
<tr>
<td>Bulk density</td>
<td>No information available</td>
</tr>
<tr>
<td>Dilution pH</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling point/range</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting point/range</td>
<td>Not determined</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No information available</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No information available</td>
</tr>
<tr>
<td>Elemental Phosphorus</td>
<td>0% by wt.</td>
</tr>
</tbody>
</table>

Explosion limits: - lower: Not determined- upper: Not determined

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability: Stable.
Polymerization: None under normal processing.
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: None known.
Conditions to avoid: Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition.

11. TOXICOLOGICAL INFORMATION
11. TOXICOLOGICAL INFORMATION

Acute toxicity:
- Oral LD50 estimated to be greater than 5000 mg/kg
- Dermal LD50 estimated to be > 2000 mg/kg

Component information:
See Section 3

Chronic toxicity:
None known

Specific effects:
- Carcinogenic effects: None known
- Mutagenic effects: None known
- Reproductive toxicity: None known
- Target organ effects: None known

Hazardous ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>NTP</th>
<th>IARC</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Environmental Information:
No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories
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

STATE RIGHT TO KNOW

<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>Bacterial spore suspension</td>
<td>TS*</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Propylene glycol methyl ether</td>
<td>107-98-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Sodium lauryl sulfate</td>
<td>151-21-3</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Water</td>
<td>7732-19-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium alkyl naphthalene sulfonate</td>
<td>26264-58-4</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Acrylate polymer</td>
<td>67366-74-9</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

CERCLA/ SARA

<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>1 - 5%</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

SARA 311/312 Hazard Categories

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

Canada

WHMIS hazard class: B3 Combustible liquid

16. OTHER INFORMATION

Reason for revision: Not applicable
16. OTHER INFORMATION

Prepared by: NAPRA

Additional advice: Contains an added fragrance, see "Odor" heading in section 9 for specific description.

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.
MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Solvent Treatment 1
MSDS #: MS0300325
Product Code: 5176566, 3663088
Recommended use: Laundry care.

Manufacturer, importer, supplier:
US Headquarters
JohnsonDiversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-1964
Phone: 1-888-352-2249
MSDS Internet Address:
www.johnsondiversey.com
Emergency telephone number: 1-800-851-7145 (U.S.)

2. HAZARDS IDENTIFICATION

Principle routes of exposure:
Eye contact. Skin contact. Inhalation.

Eye contact:
Moderately irritating to the eyes.

Skin contact:
May be mildly irritating to skin.

Inhalation:
Contains enzymes which may produce respiratory allergy if inhaled in spray or dust.

Ingestion:
May cause irritation to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous ingredients</th>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>LD50 Oral - Rat (mg/kg)</th>
<th>LD50 Dermal - Rabbit</th>
<th>LC50 Inhalation - Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium thiosulphate</td>
<td>7772-98-7</td>
<td>5 - 10%</td>
<td>5000</td>
<td>Not available</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Enzyme</td>
<td>Proprietary</td>
<td>0.1 - 1.5%</td>
<td>2000</td>
<td>Not available</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Propylene glycol methyl ether</td>
<td>107-98-2</td>
<td>5 - 10%</td>
<td>5200</td>
<td>=13000 mg/kg</td>
<td>=5.6 mg/L (4 h)</td>
<td>&gt;24 mg/L (1 h)</td>
</tr>
<tr>
<td>Dipropylene glycol methyl ether</td>
<td>34590-94-8</td>
<td>1 - 5%</td>
<td>5135</td>
<td>9500 mg/kg</td>
<td>Not available</td>
<td></td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water. If irritation persists, get medical attention.

Skin contact: Flush immediately with plenty of water. If irritation develops, get medical attention.

Inhalation: If breathing is affected, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: If swallowed, give a cupful of water or milk.

Aggravated Medical Conditions: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES


Specific hazards: Enzyme - dust and aerosols may cause allergic respiratory reaction.

Unusual hazards: None known.

Specific methods: None known.

Autoignition temperature: No information available.
5. FIRE-FIGHTING MEASURES

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. Wear self contained breathing apparatus for fire fighting if necessary.

Extinguishing media which must not be used for safety reasons: None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Put on appropriate personal protective equipment (see Section 8.). Ensure adequate ventilation. In case of an incident in a confined area wear suitable respiratory protection. Mop or use low-pressure water spray which will not create aerosols.

Environmental precautions and clean-up methods: Remove immediately by using vacuum with filter or mopping or washing. Sweeping, blowing, splashing, or high-pressure flushing should be avoided as this creates dust or aerosols. Remove and wash contaminated clothing.

7. HANDLING AND STORAGE

Handling:
Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. COMBUSTIBLE LIQUID AND VAPOR. Keep away from open flames, hot surfaces and sources of ignition. Do not spray into the air. Do not create aerosols or mists. Do not breathe dust or mist. 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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Personal Protective Equipment

- Eye protection: No special requirements under normal use conditions.
- Hand protection: No special requirements under normal use conditions
- Skin and body protection: No special requirements under normal use conditions
- Respiratory protection: No special requirements under normal use conditions
- Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enzyme</td>
<td>0.00006 mg/m³ (Ceiling)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propylene glycol methyl ether</td>
<td>107-98-2</td>
<td>150 ppm (STEL)</td>
<td>100 ppm (TWA)</td>
<td></td>
</tr>
<tr>
<td>Dipropylene glycol methyl ether</td>
<td>34590-94-8</td>
<td>150 ppm (STEL)</td>
<td>100 ppm (TWA)</td>
<td></td>
</tr>
</tbody>
</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State:</th>
<th>Liquid</th>
<th>Bulk density:</th>
<th>No information available</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH:</td>
<td>8</td>
<td>Dilution pH:</td>
<td>Not Applicable @ (RTU)</td>
</tr>
<tr>
<td>Appearance:</td>
<td>Liquid</td>
<td>Vapor density:</td>
<td>No information available</td>
</tr>
<tr>
<td>Color:</td>
<td>Colorless</td>
<td>Evaporation Rate:</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor:</td>
<td>Fresh</td>
<td>Boiling point/range:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Specific gravity:</td>
<td>0.93</td>
<td>Melting point/range:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Density:</td>
<td>7.76 lbs/gal Kg/L</td>
<td>Decomposition temperature:</td>
<td>Not determined</td>
</tr>
<tr>
<td>VOC:</td>
<td>2.5%</td>
<td>Autoignition temperature:</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash point:</td>
<td>&gt;150°F &gt;65.6°C</td>
<td>Partition coefficient (n-octanol/water):</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility:</td>
<td>Completely Soluble</td>
<td>Solubility in other solvents:</td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>No information available</td>
<td>Elemental Phosphorus:</td>
<td>0% by wt.</td>
</tr>
</tbody>
</table>

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability: Stable.
Polymerization: None under normal processing.
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Oxidising agents.
Conditions to avoid: Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition.

11. TOXICOLOGICAL INFORMATION
11. TOXICOLOGICAL INFORMATION

Acute toxicity:
Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg.

Component Information:
See Section 3

Chronic toxicity:
None known

Specific effects
- Carcinogenic effects: None known
- Mutagenic effects: None known
- Reproductive toxicity: None known
- Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information:
No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION

DOT/TDG:
Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories
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

STATE RIGHT TO KNOW

<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>Enzyme</td>
<td>Proprietary</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Sodium thiosulphate</td>
<td>7772-98-7</td>
<td>-</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Propylene glycol methyl ether</td>
<td>107-98-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Dipropylene glycol methyl ether</td>
<td>34590-94-8</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
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<tr>
<td>Propylene glycol phenyl ether</td>
<td>770-35-4</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>
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</table>

CERCLA/ SARA

<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>Dipropylene glycol methyl ether</td>
<td>34590-94-8</td>
<td>1 - 5%</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

Ingredient(s) CAA HAP CAA ODS CWA Priority Pollutants

Dipropylene glycol methyl ether X

SARA 311/312 Hazard Categories
- Immediate: x
- Delayed: -
- Fire: x
- Reactivity: -
- Sudden Release of Pressure: -

Canada
WHMIS hazard class: B3 Combustible liquid, D2B Toxic materials.

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>NPRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol methyl ether</td>
<td>107-98-2</td>
<td>X</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

Reason for revision:
Not applicable
16. OTHER INFORMATION

Prepared by: NAPRA
Additional advice: None

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