

MATERIAL SAFETY DATA SHEET



RUST TANNIN TREATMENT 3

| HMIS | | NFPA | Personal protective equipment |
|-------------|---|------|-------------------------------|
| Health | 2 | 2 | |
| Fire Hazard | 2 | 2 | |
| Reactivity | 0 | 0 | |

Version Number: 1

Preparation date: 2006-06-08

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: RUST TANNIN TREATMENT 3

MSDS #: 325102407001

Product code: 1500347, 325102407001, 3663070

Recommended use: Laundry care.

Manufacturer, importer, supplier:

| | |
|--|--|
| US Headquarters JohnsonDiversey, Inc. 8310 16th St. Sturtevant, Wisconsin 53177-0902 Phone: 1-888-352-2249 MSDS Internet Address: www.johnsondiverse.com | Canadian Headquarters JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131 |
|--|--|

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING. CAUSES EYE AND SKIN IRRITATION. COMBUSTIBLE LIQUID AND VAPOR.

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 COMPONENTS

| Ingredient(s) | CAS # | Weight % | LD50 Oral - Rat | LD50 Dermal - Rabbit | LC50 Inhalation - Rat |
|---------------------|-----------|------------|-----------------|----------------------|-----------------------|
| Ammonium bifluoride | 1341-49-7 | 0.1 - 1.5% | = 130 mg/kg | Not available | Not available |
| Oxalic acid | 144-62-7 | 0.1 - 1.5% | = 7500 mg/kg | Not available | Not available |

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: Get medical attention. Immediately move the victim to fresh air .

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: 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 THE 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: 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

| Ingredient(s) | CAS # | ACGIH | OSHA | Mexico |
|---------------------|-----------|---|---|---|
| Ammonium bifluoride | 1341-49-7 | 2.5 mg/m ³ (TWA) | 2.5 mg/m ³ (TWA) | 2.5 mg/m ³ (TWA) |
| Oxalic acid | 144-62-7 | 2 mg/m ³ (STEL) 1 mg/m ³ (TWA) | 1 mg/m ³ (TWA) 2 mg/m ³ (STEL) | 2 mg/m ³ (STEL) 1 mg/m ³ (TWA) |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------|--------------------------|---|---------------------------|
| Physical State: | Liquid | Bulk density: | 8.43 lb/gal |
| pH: | 4 | Dilution pH: | No information available. |
| Appearance: | Liquid | Vapor density: | No information available |
| Color: | Colourless | Evaporation Rate | No information available |
| Odor: | Peach | Boiling point/range: | Not determined |
| Specific gravity: | 1.01 | Melting point/range: | Not determined |
| Density: | 8.43 lbs/gal | Decomposition temperature: | Not determined |
| VOC: | 2% * | Autoignition temperature: | No information available |
| Flash point: | 150 (°F) 65.6 (°C) | Partition coefficient (n-octanol/water): | No information available |
| Solubility: | Soluble | Solubility in other solvents: | No information available |
| Viscosity: | No information available | Elemental Phosphorus: | 0 %P |

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
Component Information: See Section 3

Chronic toxicity: None known

Specific effects

Carcinogenic effects: None known
Mutagenic effects: None known
Reproductive toxicity: None known

11. TOXICOLOGICAL INFORMATION

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), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), Philippines (PICCS), China (IECSC).

U.S. Regulations

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

STATE RIGHT TO KNOW

| Ingredient(s) | CAS # | MARTK: | NJRTK: | PARTK: | RIRTK: |
|---------------------|------------|--------|--------|--------|--------|
| Ammonium bifluoride | 1341-49-7 | X | X | X | X |
| Water | 7732-18-5 | - | - | - | - |
| Alcohol ethoxylates | 68131-39-5 | - | - | - | - |
| Oxalic acid | 144-62-7 | X | X | X | X |

CERCLA/ SARA

| Ingredient(s) | CAS # | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|---------------------|-----------|------------|----------------------|-----------------------|-------------|
| Ammonium bifluoride | 1341-49-7 | 0.1 - 1.5% | 100 | | |

None

CAA HAP/CAA ODS/CWA Priority Pollutants: None

SARA 311/312 Hazard Categories

Immediate: Yes
Fire: Yes

Canada

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



16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: None

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