

CS1165

MATERIAL SAFETY DATA SHEET

Johnson wax
PROFESSIONAL

RUST REMOVER

| HMIS | | NFPA | Personal protective equipment | |
|-------------|---|------|--|--|
| Health | 3 | 3 |    | |
| Fire Hazard | 0 | 0 | | |
| Reactivity | 0 | 0 | | |

Version Number: 1

Preparation date: 2006-06-10

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: RUST REMOVER
MSDS #: 126337001
Product code: 126337001, 126337X, 03697
Recommended use: Carpet Care.

Manufacturer, importer, supplier:
US Headquarters
JohnsonDiversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-0902
Phone: 1-888-352-2249
MSDS Internet Address:
www.johnsondiversey.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

DANGER. CORROSIVE. CAUSES SKIN AND EYE BURNS. HARMFUL OR FATAL IF SWALLOWED.

Principle routes of exposure: Eye contact. Skin contact. Inhalation.
Eye contact: Corrosive. Causes permanent eye damage, including blindness.
Skin contact: Corrosive. Causes permanent damage.
Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.
Ingestion: Corrosive. Causes burns 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 |
|-------------------|-----------|----------|-----------------|----------------------|-----------------------|
| Hydrochloric acid | 7647-01-0 | 5 - 10% | = 700 mg/kg | > 5010 mg/kg | = 3124 ppm (1h) |

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for at least 15-20 minutes, keeping eyelids open. Get medical attention immediately.
Skin contact: Flush immediately with plenty of water for at least 15-20 minutes. Get medical attention immediately.
Inhalation: If breathing is affected, remove to fresh air. Get medical attention immediately.
Ingestion: If swallowed, 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: 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: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.
Specific hazards: Not applicable
Unusual hazards: Corrosive material (See sections 8 and 10).
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

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

RUST REMOVER

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Environmental precautions and clean-up methods:

Use personal protective equipment
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. Avoid breathing vapors or mists. Use only with adequate ventilation. 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. 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:

Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

Personal Protective Equipment

Eye protection:

Chemical splash goggles.

Hand protection:

Chemical resistant gloves

Skin and body protection:

Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.

Respiratory protection:

In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice

| Ingredient(s) | CAS # | ACGIH | OSHA | Mexico |
|-------------------|-----------|-----------------|--|--|
| Hydrochloric acid | 7647-01-0 | 2 ppm (Ceiling) | 5 ppm (Ceiling) 7 mg/m ³ (Ceiling) | 5 ppm (Ceiling) 7 mg/m ³ (Ceiling) |

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
pH: <1
Appearance: Liquid
Color: Clear Yellow
Odor: Acidic
Specific gravity: 1.05
Density: 8.76 lbs/gal
VOC: 0% *
Flash point: >200 (°F) >93.3 (°C)
Solubility: Easily soluble
Viscosity: No information available

Bulk density: No information available
Dilution pH: No information available
Vapor density: No information available
Evaporation Rate: No information available
Boiling point/range: Not determined
Melting point/range: Not determined
Decomposition temperature: Not determined
Autoignition temperature: No information available
Partition coefficient (n-octanol/water): No information available
Solubility in other solvents: 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.

11. TOXICOLOGICAL INFORMATION

Acute toxicity Corrosive Oral LD50 estimated to be between 4000 - 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
Target organ effects: None known

11. TOXICOLOGICAL INFORMATION**HAZARDOUS COMPONENTS**

| Ingredient(s) | CAS # | NTP | IARC | OSHA |
|-------------------|-----------|-----|------|------|
| Hydrochloric acid | 7647-01-0 | | 3 | |

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

RCRA Hazard Class: D002

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/NDL), 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: |
|-------------------|-----------|--------|--------|--------|--------|
| Water | 7732-18-5 | - | - | - | - |
| Hydrochloric acid | 7647-01-0 | X | X | - | X |

CERCLA/ SARA

| Ingredient(s) | CAS # | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|-------------------|-----------|----------|----------------------|-----------------------|-------------|
| Hydrochloric acid | 7647-01-0 | 5 - 10% | 5000 | 500 | X |

| Ingredient(s) | CAA HAP | CAA ODS | CWA Priority Pollutants |
|-------------------|---------|---------|-------------------------|
| Hydrochloric acid | X | | |

SARA 311/312 Hazard Categories

Immediate: Y

Canada

WHMIS hazard class: E Corrosive material.



| Ingredient(s) | CAS # | NPRI |
|-------------------|-----------|------|
| Hydrochloric acid | 7647-01-0 | X |

16. OTHER INFORMATION

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

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