



FREEDOM STRIPPER

| | | | | | | |
|---|---|---|---|--|--------|---|
| National Fire Protection Association (NFPA) | Fire Hazard |  | Reactivity | Hazardous Material Information System (HMIS) | Health | 3 |
| | Health | | | Fire Hazard | 0 | |
| | Specific Hazard | | | Reactivity | 0 | |
| Protective Clothing |  | Emergency Overview | Clear Liquid. See Section 9. DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED. | | | |

| Section 1. Chemical Product and Company Identification | | | | | |
|--|---|--|-----------------------|---|-------------------------|
| Product Name | FREEDOM STRIPPER | | | Code | 4609 & 4616 |
| Product Use | Industrial/Institutional: Floor care. This product is intended to be diluted prior to use. | | | PMS# | 3021430 |
| MSDS# | 114610007 | | | Validation Date | 11/12/2002 |
| U.S. Headquarters | JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (800) 725-6737 MSDS Internet Address: www.johnsondiversev.com | | Canadian Headquarters | JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-888-746-5971 | |
| | | | | Print Date | 11/12/2002 |
| | | | | Supersedes | No Previous Validation. |
| | | | | In Case of Emergency | (800) 851-7145 |

| Section 2. Composition and Information on Ingredients | | | | |
|---|------------|-------------|---|--|
| Ingredients | CAS # | % by Weight | Exposure Limits | LC50/LD50 |
| Sodium silicate | 1344-09-8 | 1-5 | Not available. | Not available. |
| Sodium Xylene Sulfonate | 1300-72-7 | 1-5 | Not available. | Not available. |
| Polyoxyethylene Phenyl Ether Phosphate | 39464-70-5 | 1-5 | Not available. | Not available. |
| 1-Butoxypropanol | 5131-66-8 | 1-5 | Not available. | ORAL (LD50): Acute: 5660 mg/kg [Rat]. DERMAL (LD50): Acute: 3100 mg/kg [Rabbit]. |
| Diethylene Glycol Phenyl Ether | 104-68-7 | 1-5 | Not available. | ORAL (LD50): Acute: 2140 mg/kg [Rat]. |
| Monoethanolamine | 141-43-5 | 5-10 | OSHA (United States). TWA: 8 mg/m ³ STEL: 15 mg/m ³ ACGIH (United States). TWA: 7.5 mg/m ³ STEL: 15 mg/m ³ | ORAL (LD50): Acute: 1720 mg/kg [Rat]. DERMAL (LD50): Acute: 1018 mg/kg [Rabbit]. |
| Ethylene Glycol Phenyl Ether | 122-99-6 | 10-30 | Not available. | ORAL (LD50): Acute: 1260 mg/kg [Rat]. |
| Water | 7732-18-5 | 60-100 | Not available. | Not available. |

| Section 3. Hazards Identification | |
|-----------------------------------|---|
| Routes of Entry | Skin contact Eye contact. Inhalation. |
| Potential Acute Health Effects | |
| <i>Eyes</i> | Corrosive. May cause permanent damage including blindness. |
| <i>Skin</i> | Corrosive. May cause permanent damage. |
| <i>Inhalation</i> | May cause irritation and corrosive effects to nose, throat and respiratory tract. |
| <i>Ingestion</i> | Corrosive. May cause burns to mouth, throat, and stomach. |

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

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

Skin Contact Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhalation If breathing is difficult: Remove to fresh air. Get medical attention immediately.

Ingestion Do not induce vomiting! Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flammability of the Product None known.

Flash Points CLOSED CUP: >93.333°C (200°F).

Products of Combustion None known.

Fire Fighting Media and Instructions Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.

Protective Clothing (Fire) Put on appropriate personal protective equipment (see Section 8).

Special Remarks on Fire and Explosion Hazards Corrosive material (See sections 8 and 10).

Section 6. Accidental Release Measures

Personal Precautions Put on appropriate personal protective equipment (see Section 8).

Environmental Precautions and Clean-up Methods In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

Section 7. Handling and Storage

Handling Avoid contact with eyes, skin and clothing. Do not taste or swallow. Avoid breathing vapors or spray 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 Keep container tightly closed. Protect from freezing. Store in a dry, cool and well-ventilated area. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

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

Personal Protection

Eyes Chemical splash goggles.

Hands Chemical resistant gloves. Includes: Neoprene gloves.

Respiratory If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over exposure. 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.

Feet Protective footwear.

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

Section 9. Physical and Chemical Properties

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|-------------------------------|-----------------------|
| Physical State and Appearance | Liquid. |
| Odor | Citrus. |
| Color | Clear |
| pH | 12.5 to 13.5 [Basic.] |
| Specific Gravity | 1.06 |
| Solubility in water | Complete. |

Section 10. Stability and Reactivity

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|---|---|
| Stability and Reactivity | The product is stable. |
| Conditions of Instability | None known. |
| Incompatibility with Various Substances | Reactive with acids. |
| Hazardous Decomposition Products | When exposed to fire: Produces normal products of combustion. |
| Hazardous Polymerization | Will not occur. |

Section 11. Toxicological Information

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|-----------------------------|----------------|
| Acute toxicity | Corrosive. |
| Effects of Chronic Exposure | None known. |
| Other Toxic Effects | Not available. |

Section 12. Ecological Information

Not available.

Section 13. Disposal Considerations

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|-------------------|--|
| Waste Information | Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local regulations. |
|-------------------|--|

Section 14. Transport Information

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|--------------------------|---|
| DOT Classification | |
| DOT Proper Shipping Name | Please refer to the Bill of Lading/receiving documents for up to date shipping information. |
| TDG Classification | |
| TDG Proper Shipping Name | Please refer to the Bill of Lading/receiving documents for up to date shipping information. |
| TDG Class | |

Section 15. Regulatory Information

Reporting in this section is based on ingredients disclosed in Section 2

US Regulations

- Federal** SARA 313 toxic chemical notification and release reporting: Diethylene Glycol Phenyl Ether
CERCLA: Hazardous substances.: Diethylene Glycol Phenyl Ether
- State** New Jersey spill list: Diethylene Glycol Phenyl Ether
New Jersey: Monoethanolamine, Diethylene Glycol Phenyl Ether
Massachusetts spill list: Monoethanolamine
Massachusetts RTK: Monoethanolamine
Pennsylvania RTK: Monoethanolamine, Diethylene Glycol Phenyl Ether

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

Registered Product Information Not applicable.

Canadian Regulations

WHMIS Classification Class E: Corrosive liquid.

WHMIS Icon



Registered Product Information Not applicable.

Chemical Inventory Status All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Section 16. Other Information

Other Special Considerations Not available.

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