

## MATERIAL SAFETY DATA SHEET



## FREEDOM STRIPPER

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

Version Number: 0

Preparation date: 2004-02-27

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: FREEDOM STRIPPER  
 MSDS #: 114610007  
 Product code: 04609, 04616  
 Recommended use: Floor stripper. This product is intended to be diluted prior to use.

## Manufacturer, importer, supplier:

US Headquarters  
 JohnsonDiversey, Inc.  
 8310 16th St.  
 Sturtevant, Wisconsin 53177-0902  
 Phone: 1-888-352-2249  
 MSDS Internet Address:  
 www.johnsondiversevy.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
Diethylene glycol phenyl ether	104-68-7	1 - 5%	= 2140 mg/kg	= 2120 µL/kg	Not available
Ethylene glycol phenyl ether	122-99-6	10 - 20%	= 1260 mg/kg	= 5 mL/kg	Not available
Sodium hydroxide	1310-73-2	0.1 - 1.5%	= 140 mg/kg	= 1350 mg/kg	Not available
Sodium silicate	1344-09-8	1 - 5%	= 1153 mg/kg	4640 mg/kg	Not available
Monoethanolamine	141-43-5	5 - 10%	= 1720 mg/kg	= 1 mL/kg	Not available

## 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: Persons with pre-existing skin disorders 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: None known.  
 Unusual hazards: Corrosive material (See sections 8 and 10).

## 5. FIRE-FIGHTING MEASURES

**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:** None.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Environmental precautions and clean-up methods:** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. 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
Sodium hydroxide	1310-73-2	2 mg/m <sup>3</sup> (Ceiling)	2 mg/m <sup>3</sup> (TWA)	2 mg/m <sup>3</sup> (Ceiling)
Monoethanolamine	141-43-5	6 ppm (STEL) 3 ppm (TWA)	3 ppm (TWA) 6 mg/m <sup>3</sup> (TWA)	15 mg/m <sup>3</sup> (STEL) 6 ppm (STEL) 3 ppm (TWA) 8 mg/m <sup>3</sup> (TWA)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b> Liquid	<b>Bulk density:</b> No information available
<b>pH:</b> 13.0	<b>Dilution pH:</b> 12.6
<b>Appearance:</b> Aqueous solution	<b>Vapor density:</b> No information available
<b>Color:</b> Colourless	<b>Evaporation Rate:</b> No information available
<b>Odor:</b> Citrus	<b>Boiling point/range:</b> Not determined
<b>Specific gravity:</b> 1.06	<b>Melting point/range:</b> Not determined
<b>Density:</b> 8.81 lbs/gal	<b>Decomposition temperature:</b> Not determined
<b>VOC:</b> 10.3% *	<b>Autoignition temperature:</b> No information available
<b>Flash point:</b> >200 (°F) >93.3 (°C)	<b>Partition coefficient (n-octanol/water):</b> No information available
<b>Solubility:</b> Soluble	<b>Solubility in other solvents:</b> No information available
<b>Viscosity:</b> No information available	<b>Elemental Phosphorus:</b> 0 %P

## 10. STABILITY AND REACTIVITY

<b>Stability:</b> The product is stable
<b>Polymerization:</b> Hazardous polymerization does not occur
<b>Hazardous decomposition products:</b> None known.
<b>Materials to avoid:</b> Acids. Oxidising agents.
<b>Conditions to avoid:</b> Do not freeze.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity** Oral LD50 estimated to be >1000 and <5000 mg/kg, Dermal LD50 estimated to be > 2000 mg/kg

## 11. TOXICOLOGICAL INFORMATION

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:

Undiluted product is regulated under environmental and transportation laws as a corrosive waste. 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/NDL), 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:
Ethylene glycol phenyl ether	122-99-6	-	-	-	-
Sodium xylene sulfonate	1300-72-7	-	-	-	-
Sodium hydroxide	1310-73-2	X	X	-	X
Sodium silicate	1344-09-8	-	-	-	-
Monoethanolamine	141-43-5	X	X	X	X
1-butoxypropanol	5131-66-8	-	-	-	-
Water	7732-18-5	-	-	-	-

### CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Ethylene glycol phenyl ether	122-99-6	10 - 20%			X
Sodium hydroxide	1310-73-2	0.1 - 1.5%	1000		

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Ethylene glycol phenyl ether	X		

### Canada

WHMIS hazard class: E Corrosive material .



## 16. OTHER INFORMATION

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

## 16. OTHER INFORMATION

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