

# MATERIAL SAFETY DATA SHEET



## Concentrated HEAVY DUTY DEGREASER

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

Version Number: 1

Preparation date: 2004-09-27

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Concentrated HEAVY DUTY DEGREASER

**MSDS #:** F-00635001  
**Product code:** 3465807  
**Recommended use:** Cleaning product.

**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. CONCENTRATE. CAUSES EYE AND SKIN IRRITATION. Harmful if Swallowed.

**Principle routes of exposure:** Eyes. Skin. Inhalation.  
**Skin contact:** Severe skin irritation.  
**Eye contact:** Severe eye irritation.  
**Inhalation:** May be irritating to nose, throat, and respiratory tract.  
**Ingestion:** May be irritating to mouth, throat and stomach.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Alkylphenoxy polyethoxyethanol	26027-38-3	5 - 10%	Not available	Not available	Not available
Potassium carbonate	584-08-7	1 - 5%	1870 mg/kg (rat)	Not available	Not available
Sodium metasilicate	6834-92-0	1 - 5%	1153 mg/kg (rat)	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:** If breathing is affected, remove to fresh air. Get medical attention.  
**Ingestion:** Immediately drink one cupful of water or milk. Get medical attention.  
**Aggravated Medical Conditions:** Persons with pre-existing skin disorders may be more susceptible to irritating effects

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Not applicable  
**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

**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:** Prevent product from entering drains. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

## 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. 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 .

### Personal Protective Equipment

**Eye protection:** Safety glasses with side-shields.  
**Hand protection:** Chemical resistant gloves . Includes . neoprene gloves.  
**Skin and body protection:** If major exposure is possible, wear suitable protective clothing and footwear .  
**Respiratory protection:** No special requirements under normal use conditions  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Appearance:</b>	Aqueous solution
<b>Color:</b>	Blue	<b>Boiling point/range:</b>	Not determined
<b>Odor:</b>	Odorless	<b>Melting point/range:</b>	Not determined
<b>Specific gravity:</b>	1.06	<b>pH:</b>	12.6
<b>Dilution pH:</b>	No information available	<b>Density:</b>	8.85
<b>Bulk density:</b>	No information available	<b>Decomposition temperature:</b>	Not determined
<b>Vapor density:</b>	No information available	<b>Autoignition temperature:</b>	No information available
<b>Evaporation rate:</b>	No information available	<b>Solubility:</b>	Soluble
<b>Solubility in other solvents:</b>	No information available	<b>VOC:</b>	0 %
<b>Viscosity:</b>	No information available	<b>Flash point:</b>	>200 (°F) >93.3 (°C)
<b>Partition coefficient (n-octanol/water):</b>	No information available		

## 10. STABILITY AND REACTIVITY

**Stability:** The product is stable  
**Polymerization:** Hazardous polymerisation does not occur  
**Hazardous decomposition products:** None reasonably foreseeable

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity** Oral, LD50 estimated to be greater than 5000 mg/kg, Dermal, LD50 estimated to be > 2000 mg/kg, Inhalation, No data available.

**Component Information:** See Section 3

**Chronic toxicity:** None known

**Specific effects**

<b>Carcinogenic effects:</b>	None known
<b>Mutagenic effects:</b>	None known
<b>Reproductive toxicity:</b>	None known
<b>Target organ effects:</b>	None known

## 12. ECOLOGICAL INFORMATION

**Environmental Information:** When used for its intended purpose this product should not cause adverse effects in the environment

### 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: Canada (DSL/NDL), U.S.A. (TSCA).

**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	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Water	7732-18-5	-	-	-	-	-	-
Potassium carbonate	584-08-7	-	-	-	-	-	-
Sodium metasilicate	6834-92-0	-	-	-	-	-	-
Tetrasodium salt of EDTA	64-02-8	-	-	-	-	-	-
Alkylphenoxy polyethoxyethanol	26027-38-3	-	-	-	-	-	-

**CERCLA / SARA**

**Canada**

**WHMIS hazard class:** D2B Toxic materials .



Ingredient	CAS #	NPRI
Alkylphenoxy polyethoxyethanol	26027-38-3	Listed

### 16. OTHER INFORMATION

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

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