

# MATERIAL SAFETY DATA SHEET



## ADVANCE DEGREASER

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

Version Number: 1

Preparation date: 2007-03-28

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** ADVANCE DEGREASER

**MSDS #:** F-00501001

**Product code:** 09757280, 3318461, 65209000

**Recommended use:** Kitchen hygiene 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
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**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 EYE AND SKIN BURNS ON CONTACT . 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
Sodium hydroxide	1310-73-2	5 - 10%	=140 mg/kg	=1350 mg/kg	Not available
2-butoxyethanol	111-76-2	10 - 20%	=470 mg/kg	=220 mg/kg	=2.21 mg/L (4 h) =450 ppm (4 h)

### 4. FIRST AID MEASURES

**Eye contact:** Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.

**Skin contact:** Immediately flush with plenty of water for 15-20 minutes . Get medical attention immediately.

**Inhalation:** If breathing is affected, remove to fresh air. Get medical attention immediately.

**Ingestion:** If swallowed, rinse mouth. 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:** Not applicable

**Specific hazards:** Not applicable

**Unusual hazards:** None known

**Specific methods:** No special methods required

## 5. FIRE-FIGHTING MEASURES

**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:**

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:**

ALWAYS WEAR LONG CHEMICAL-RESISTANT GLOVES, CHEMICAL-SPLASH GOGGLES AND PROTECTIVE FOOTWEAR WHEN SPRAYING AND WIPING. Do not spray toward face. Wash hands and arms after use. Do not spray on or let spray contact pilot light, electrical connections, switches, light bulbs, heating elements, receptacles, or thermostats. Spray may cause electric short. Do not let product contact floor coverings, linoleum, aluminum, copper, chrome, painted surfaces or plastics. Do not use on continuous or self-cleaning ovens. 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 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)
2-butoxyethanol	111-76-2	20 ppm (TWA)	Skin 50 ppm (TWA) 240 mg/m <sup>3</sup> (TWA)	360 mg/m <sup>3</sup> (STEL) 75 ppm (STEL) 26 ppm (TWA) 120 mg/m <sup>3</sup> (TWA)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**pH:** >12.5

**Appearance:** Liquid

**Color:** Light Straw

**Odor:** Solvent

**Specific gravity:** 1.04

**Density:** 8.68 lbs/gal

**VOC:** 102g/L (40 CFR §59.400)

**Flash point:** >200°F >93.3°C

**Solubility:** 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

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Acute toxicity	Oral LD50 estimated to be between 2000 - 5000 mg/kg
Component Information:	See Section 3
Chronic toxicity:	None known
<b>Specific effects</b>	
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:**  
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	-	-	-	-
Sodium alpha olefin sulfonate	68439-57-6	-	-	-	-
Sodium hydroxide	1310-73-2	X	X	X	X
Sodium gluconate	527-07-1	-	-	-	-
2-butoxyethanol	111-76-2	X	X	X	X

### CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Sodium hydroxide	1310-73-2	5 - 10%	1000		
2-butoxyethanol	111-76-2	10 - 20%			X

### SARA 311/312 Hazard Categories

Immediate:	X
Delayed:	-
Fire:	-
Reactivity:	-
Sudden Release of Pressure:	-

### Canada

WHMIS hazard class: E Corrosive material .



Ingredient(s)	CAS #	NPRI
2-butoxyethanol	111-76-2	X

## 16. OTHER INFORMATION

Reason for revision: Not applicable  
Prepared by: NAPRAC

## 16. OTHER INFORMATION

**Additional advice:**

None

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