

# MATERIAL SAFETY DATA SHEET

JohnsonDiversey  
Clean is just the beginning



CLAX

UNITE

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

Version Number: 1

Preparation date: 2005-04-19

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: UNITE

MSDS #: 266600618001

Product code: 266600618001, 3419261

Recommended use: Laundry care. Detergent.

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 SEVERE EYE, SKIN AND DIGESTIVE TRACT BURNS. HARMFUL OR FATAL IF SWALLOWED.

Principle routes of exposure: Eyes. Skin. Inhalation. Ingestion.

Skin contact: Corrosive. May cause permanent damage.

Eye contact: Corrosive. Causes permanent eye damage, including blindness.

Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.

Ingestion: Causes burns to mouth, throat and stomach.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium carbonate	497-19-8	30 - 40%	4090 mg/kg (rat)	Not available	Not available
Sodium metasilicate	6834-92-0	5 - 10%	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 immediately.

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

Inhalation: If breathing is affected, 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.

Notes to physician: Treat symptomatically.

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. Dry chemical, water spray, foam, carbon dioxide.

Specific hazards: None known.

Unusual hazards: Corrosive material (See sections 8 and 10).

Specific methods: No special methods required.

Autoignition temperature: No information available.

UNITE

1 of 3

**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:**

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).

**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:
Sodium carbonate	497-19-8	-	-	-	-	-	-
Sodium sulfate	7757-82-6	Listed	-	Listed	-	-	-
Sodium metasilicate	6834-92-0	-	-	-	-	-	-
Alcohol ethoxylate	68002-97-1	-	-	-	-	-	-
Sodium tripolyphosphate	7758-29-4	Listed	Listed	Listed	-	-	Listed

**CERCLA / SARA**

Ingredient	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Sodium tripolyphosphate	7758-29-4	10 - 20%	5000		

CAA HAP/CAA ODS/CWA Priority Pollutants: None

**Canada**

WHMIS hazard class: E Corrosive material .

**16. OTHER INFORMATION**

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

*Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.*

**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:**  
**Environmental precautions and clean-up methods:**

Put on appropriate personal protective equipment (see Section 8.).  
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. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Do not breathe dust. Use only with adequate ventilation. 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 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.

### Personal Protective Equipment

#### Eye protection:

Goggles.

#### Hand protection:

Chemical resistant gloves. Includes: rubber gloves.

#### Skin and body protection:

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

#### Respiratory protection:

In case of insufficient ventilation wear suitable respiratory equipment.

#### Hygiene measures:

Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Solid

**Appearance:** Powder

**Color:** White

**Boiling point/range:** Not determined

**Odor:** Mild

**Melting point/range:** Not determined

**Specific gravity:** 0.90 g/cc

**pH:** No information available

**Dilution pH:** 9.5 - 11.5

**Density:** 0.90 g/ml

**Bulk density:** No information available

**Decomposition temperature:** Not determined

**Vapor density:** No information available

**Autoignition temperature:** No information available

**Evaporation rate:** No information available

**Solubility:** Soluble

**Solubility in other solvents:** No information available

**VOC:** 0%

**Viscosity:** No information available

**Flash point:** >200 (°F) >93.33 (°C)

**Partition coefficient (n-octanol/water):** No information available

## 10. STABILITY AND REACTIVITY

### Stability:

The product is stable.

### Polymerization:

Hazardous polymerisation does not occur.

### Hazardous decomposition products:

None reasonably foreseeable.

### Materials to avoid:

Acids.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Oral, LD50 estimated to be 3000 - 4000 mg/kg, Dermal, LD50 estimated to be > 2000 mg/kg, Corrosive.

### 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