

# MATERIAL SAFETY DATA SHEET



## Concentrated ALL Laundry Detergent

| HMIS        |   | NFPA | Personal protective equipment |
|-------------|---|------|-------------------------------|
| Health      | 2 | 2    | None / Aucune / Ninguno       |
| Fire Hazard | 0 | 0    |                               |
| Reactivity  | 0 | 0    |                               |

Version Number: 1

Preparation date: 2006-06-27

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Concentrated ALL Laundry Detergent

**MSDS #:** MS0500018

**Product code:** 2979232, 2979216

**Recommended use:** Industrial/Institutional. Laundry care.

**Manufacturer, importer, supplier:**  
 US Headquarters: Canadian Headquarters  
 JohnsonDiversey, Inc. JohnsonDiversey - Canada, Inc.  
 8310 16th St. 2401 Bristol Circle  
 Sturtevant, Wisconsin 53177-0902 Oakville, Ontario L6H 6P1  
 Phone: 1-888-352-2249 Phone: 1-800-668-3131  
 MSDS Internet Address:  
 www.johnsondiversev.com

**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

CAUTION. CAUSES EYE AND SKIN IRRITATION. MAY BE HARMFUL IF SWALLOWED .

**Principle routes of exposure:** Eye contact. Skin contact.

**Eye contact:** Moderately irritating to the eyes.

**Skin contact:** Moderately irritating to the skin.

**Inhalation:** None known.

**Ingestion:** May cause irritation 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 | 1 - 5%   | =140 mg/kg      | = 1350 mg/kg         | Not available         |
| Sodium carbonate | 497-19-8  | 100      | = 4090 mg/kg    | Not available        | Not available         |

### 4. FIRST AID MEASURES

**Eye contact:** Flush immediately with plenty of water. If irritation persists, get medical attention.

**Skin contact:** Flush immediately with plenty of water. If irritation persists, get medical attention.

**Inhalation:** No specific first aid measures are required.

**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.

**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

## 5. FIRE-FIGHTING MEASURES

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Put on appropriate personal protective equipment (see Section 8.).  
**Environmental precautions and clean-up methods:** Shovel into suitable container for disposal.

## 7. HANDLING AND STORAGE

**Handling:**  
Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. 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. General room ventilation is adequate.

### Personal Protective Equipment

**Eye protection:** No special requirements under normal use conditions.  
**Hand protection:** No special requirements under normal use conditions  
**Skin and body protection:** No special requirements under normal use conditions.  
**Respiratory protection:** No special requirements under normal use conditions.  
**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) |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                          |                          |   |                           |
|--------------------------|--------------------------|---|---------------------------|
| <b>Physical State:</b>   | Powder                   | <b>Bulk density:</b>                            | No information available  |
| <b>pH:</b>               | 13.0                     | <b>Dilution pH:</b>                             | No information available. |
| <b>Appearance:</b>       | Powder                   | <b>Vapor density:</b>                           | No information available  |
| <b>Color:</b>            | White Blue Yellow        | <b>Evaporation Rate</b>                         | No information available  |
| <b>Odor:</b>             | Characteristic           | <b>Boiling point/range:</b>                     | Not determined            |
| <b>Specific gravity:</b> | No information available | <b>Melting point/range:</b>                     | Not determined            |
| <b>Density:</b>          | 063 lbs/gal              | <b>Decomposition temperature:</b>               | Not determined            |
| <b>VOC:</b>              | <1% *                    | <b>Autoignition temperature:</b>                | No information available  |
| <b>Flash point:</b>      | Not applicable           | <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                      |

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity** Oral LD50 estimated to be between 2000 - 3000 mg/kg  
**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

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Environmental Information: No data available

## 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: All components of this product are listed on the following inventories: , U.S.A. (TSCA), Canada (DSL/NDSL).

### 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: |
|--------------------|-----------|--------|--------|--------|--------|
| Sodium hydroxide   | 1310-73-2 | X      | X      | -      | X      |
| Sodium silicate    | 1344-09-8 | -      | -      | -      | -      |
| Sodium carbonate   | 497-19-8  | -      | -      | -      | -      |
| Sodium sulfate     | 7757-82-6 | X      | -      | -      | -      |
| Alkoxyated alcohol | TS*       | -      | -      | -      | -      |

### CERCLA/ SARA

| Ingredient(s)    | CAS #     | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|------------------|-----------|----------|----------------------|-----------------------|-------------|
| Sodium hydroxide | 1310-73-2 | 1 - 5%   | 1000                 |                       |             |

Immediate: Y  
Delayed: N  
Fire: N  
Reactivity: N  
Sudden Release of Pressure: N

### Canada

WHMIS hazard class: D2B Toxic materials .



## 16. OTHER INFORMATION

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

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