



**EASY PAKS HEAVY-DUTY CLEANER DEGREASER**

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

Version Number: 0

Preparation date: 2006-11-27

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** EASY PAKS HEAVY-DUTY CLEANER DEGREASER  
**MSDS #:** 126069002  
**Product code:** 90682  
**Recommended use:** Cleaning product. Industrial/Institutional. 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 |
|---------------------|-------------|------------|-----------------|----------------------|-----------------------|
| Sodium carbonate    | 497-19-8    | 40 - 50%   | =4090 mg/kg     | Not available        | Not available         |
| Sodium sulfate      | 7757-82-6   | 0.1 - 1.5% | >10000 mg/kg    | Not available        | Not available         |
| Silica gel          | 112926-00-8 | 1 - 5%     | Not available   | Not available        | Not available         |
| Citric acid         | 77-92-9     | 5 - 10%    | =3000 mg/kg     | Not available        | Not available         |
| Sodium metasilicate | 6834-92-0   | 5 - 10%    | =600 mg/kg      | Not available        | Not available         |

**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:** Dry chemical, water spray, foam, carbon dioxide.  
**Specific hazards:** Not applicable

## 5. FIRE-FIGHTING MEASURES

**Unusual hazards:** Corrosive material (See sections 8 and 10).  
**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:** Put on appropriate personal protective equipment (see Section 8.).  
**Environmental precautions and clean-up methods:** No information available

## 7. HANDLING AND STORAGE

### Handling:

Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing dust. 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. Do not remove packets before use. Do not handle packets with wet hands. 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                     |
|---------------|-------------|----------------------------|------|----------------------------|
| Silica gel    | 112926-00-8 | 10 mg/m <sup>3</sup> (TWA) |      | 10 mg/m <sup>3</sup> (TWA) |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                          |                          |   |                          |
|--------------------------|--------------------------|---|--------------------------|
| <b>Physical State:</b>   | Powder                   | <b>Bulk density:</b>                            | No information available |
| <b>pH:</b>               | Not applicable           | <b>Dilution pH:</b>                             | 11                       |
| <b>Appearance:</b>       | Powder                   | <b>Vapor density:</b>                           | No information available |
| <b>Color:</b>            | Purple                   | <b>Evaporation Rate</b>                         | No information available |
| <b>Odor:</b>             | Solvent                  | <b>Boiling point/range:</b>                     | Not determined           |
| <b>Specific gravity:</b> | 0.7                      | <b>Melting point/range:</b>                     | Not determined           |
| <b>Density:</b>          | 5.84 lbs/gal             | <b>Decomposition temperature:</b>               | Not determined           |
| <b>VOC:</b>              | 0% *                     | <b>Autoignition temperature:</b>                | No information available |
| <b>Flash point:</b>      | Not applicable .?°C      | <b>Partition coefficient (n-octanol/water):</b> | No information available |
| <b>Solubility:</b>       | Easily 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.  
**Materials to avoid:** Do not mix with chlorinated products.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity** Oral LD50 estimated to be between 2000 - 3000 mg/kg Corrosive  
**Component Information:** See Section 3

## 11. TOXICOLOGICAL INFORMATION

Chronic toxicity: None known

### Specific effects

Carcinogenic effects: None known  
Mutagenic effects: None known  
Reproductive toxicity: None known  
Target organ effects: None known

### HAZARDOUS COMPONENTS

| Ingredient(s) | CAS #       | NTP | IARC | OSHA |
|---------------|-------------|-----|------|------|
| Silica gel    | 112926-00-8 |     | 3    |      |

## 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

## 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).

### 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: |
|---------------------------------|-------------|--------|--------|--------|--------|
| Hexyloxyethanol                 | 112-25-4    | -      | -      | X      | -      |
| Sodium carbonate                | 497-19-8    | -      | -      | -      | -      |
| Sodium sulfate                  | 7757-82-6   | X      | -      | X      | -      |
| Silica gel                      | 112926-00-8 | X      | -      | X      | -      |
| Citric acid                     | 77-92-9     | -      | -      | -      | -      |
| Tetrasodium salt of EDTA        | 64-02-8     | -      | -      | -      | -      |
| Linear alkyl benzene sulfonates | 68081-81-2  | -      | -      | -      | -      |

### CERCLA/ SARA

| Ingredient(s)   | CAS #    | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|-----------------|----------|----------|----------------------|-----------------------|-------------|
| Hexyloxyethanol | 112-25-4 | 5 - 10%  |                      |                       | X           |

### SARA 311/312 Hazard Categories

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

### 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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