

48-3367300

## MATERIAL SAFETY DATA SHEET

JohnsonDiversey  
MAINTAINING THE WORLD'S CLEANEST

CLAX

## VALID II Fabric Softener

| HMIS              |   | NFPA | Personal protective equipment |
|-------------------|---|------|-------------------------------|
| Health            | 2 | 2    | None / Aucune / Ninguno       |
| Fire Hazard       | 0 | 0    |                               |
| Reactivity        | 0 | 0    |                               |
| Version Number: 1 |   |      | Preparation date: 2008-08-08  |

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: VALID II Fabric Softener  
 MSDS #: MS0300145  
 Product Code: 3367300, 3419270, 3419296  
 Recommended use: Laundry care.

Manufacturer, importer, supplier:  
 US Headquarters  
 JohnsonDiversey, Inc.  
 8310 16th St.  
 Sturtevant, Wisconsin 53177-1964  
 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

CAUTION: CAUSES EYE IRRITATION. MAY BE MILDLY IRRITATING TO SKIN.

Principle routes of exposure: Eye contact. Skin contact. Inhalation.  
 Eye contact: Moderately irritating to the eyes.  
 Skin contact: May be mildly irritating to skin.  
 Inhalation: None known.  
 Ingestion: May cause irritation to mouth, throat and stomach.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

## Hazardous ingredients

| Ingredient(s)     | CAS #   | Weight % | LD50 Oral - Rat<br>(mg/kg) | LD50 Dermal -<br>Rabbit | LC50 Inhalation - Rat |
|-------------------|---------|----------|----------------------------|-------------------------|-----------------------|
| Isopropyl alcohol | 67-63-0 | 1 - 5%   | 4396                       | 12870 mg/kg             | 72.6 mg/L (4 h)       |

## 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 develops, get medical attention.  
 Inhalation: No specific first aid measures are required.  
 Ingestion: If swallowed, give a cupful of water or milk.  
 Aggravated Medical Conditions: None known.

## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.  
 Specific hazards: None known.  
 Unusual hazards: None known.  
 Specific methods: No special methods required.  
 Autoignition temperature: No information available.

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.).  
Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

## 7. HANDLING AND STORAGE

### Handling:

Avoid contact with skin, eyes and clothing. 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 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  |
|-------------------|---------|---------------------------------|--|---|
| Isopropyl alcohol | 67-63-0 | 400 ppm (STEL)<br>200 ppm (TWA) | 400 ppm (TWA)<br>980 mg/m <sup>3</sup> (TWA) | 500 ppm (STEL)<br>1225 mg/m <sup>3</sup> (STEL)<br>980 mg/m <sup>3</sup> (TWA)<br>400 ppm (TWA) |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                   |                          |  |                          |
|-------------------|--------------------------|--|--------------------------|
| Physical State:   | Liquid                   | Bulk density:                            | No information available |
| pH:               | 5.77                     | Dilution pH:                             | 6.5 (1%)                 |
| Appearance:       | Liquid                   | Vapor density:                           | No information available |
| Color:            | Blue                     | Evaporation Rate                         | No information available |
| Odor:             | Fresh Floral             | Boiling point/range:                     | Not determined           |
| Specific gravity: | 1.004                    | Melting point/range:                     | Not determined           |
| Density:          | 8.375 lbs/gal            | Decomposition temperature:               | Not determined           |
| VOC:              | 2.5% *                   | Autoignition temperature:                | No information available |
| Flash point:      | >200°F >93°C             | Partition coefficient (n-octanol/water): | No information available |
| Solubility:       | completely soluble       | Solubility in other solvents:            | No information available |
| Viscosity:        | No information available | Elemental Phosphorus:                    | 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:                        | Stable.                                  |
| Polymerization:                   | Hazardous polymerization does not occur. |
| Hazardous decomposition products: | None reasonably foreseeable.             |
| Materials to avoid:               | Strong acids and strong bases.           |
| Conditions to avoid:              | No special storage conditions required.  |

## 11. TOXICOLOGICAL INFORMATION

|                        |   |
|------------------------|---|
| Acute toxicity:        | Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 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  |

### Hazardous Ingredients

| Ingredient(s)     | CAS #   | NTP | IARC | OSHA |
|-------------------|---------|-----|------|------|
| Isopropyl alcohol | 67-63-0 |     | 3    | X    |

## 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: U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), New Zealand (NZIoC).

**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: |
|--------------------------------------|------------|--------|--------|--------|--------|
| Isopropyl alcohol                    | 67-63-0    | X      | X      | X      | X      |
| Polyethoxy quaternary methyl sulfate | 68410-69-5 | -      | -      | -      | -      |
| Water                                | 7732-18-5  | -      | -      | -      | -      |

**CERCLA/ SARA**

| Ingredient(s)     | CAS #   | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|-------------------|---------|----------|----------------------|-----------------------|-------------|
| Isopropyl alcohol | 67-63-0 | 1 - 5%   |                      |                       | X           |

**SARA 311/312 Hazard Categories**

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

**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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