

# MATERIAL SAFETY DATA SHEET



## STAR (SUMA) - USE SOLUTION (1:250)

| HMIS        |   | NFPA | Personal protective equipment |
|-------------|---|------|-------------------------------|
| Health      | 0 | 0    | None Required                 |
| Fire Hazard | 0 | 0    |                               |
| Reactivity  | 0 | 0    |                               |

Version Number: 2

Preparation date: 2005-09-09

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** STAR (SUMA) - USE SOLUTION (1:250)

**MSDS #:** 364100668001D

**Product code:** 364100668001D

**Recommended use:** Warewashing product.

**Manufacturer, importer, supplier:**

|                                                                                                                                                                             |                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| US Headquarters<br>JohnsonDiversey, Inc.<br>8310 16th St.<br>Sturtevant, Wisconsin 53177-0902<br>Phone: 1-888-352-2249<br>MSDS Internet Address:<br>www.johnsondiversey.com | Canadian Headquarters<br>JohnsonDiversey - Canada, Inc.<br>2401 Bristol Circle<br>Oakville, Ontario L6H 6P1<br>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

The product contains no substances which at their given concentration, are considered to be hazardous to health.

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

**Eye contact:** None known.

**Skin contact:** None known.

**Inhalation:** None known.

**Ingestion:** None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous components** None

### 4. FIRST AID MEASURES

**Eye contact:** Rinse with plenty of water.

**Skin contact:** Rinse with plenty of water.

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

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

**Aggravated Medical Conditions:** None known.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.

**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

### 6. ACCIDENTAL RELEASE MEASURES

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

Use personal protective equipment  
Clean up affected area with water.

## 7. HANDLING AND STORAGE

**Handling:**

Handle in accordance with good industrial hygiene and safety practice. FOR COMMERCIAL AND INDUSTRIAL USE ONLY. 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.

**Personal Protective Equipment**

|                                  |                                                                       |
|----------------------------------|-----------------------------------------------------------------------|
| <b>Eye protection:</b>           | No special requirements under normal use conditions                   |
| <b>Hand protection:</b>          | No special requirements under normal use conditions                   |
| <b>Skin and body protection:</b> | No special requirements under normal use conditions                   |
| <b>Respiratory protection:</b>   | No special requirements under normal use conditions                   |
| <b>Hygiene measures:</b>         | Handle in accordance with good industrial hygiene and safety practice |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                                 |                           |                                   |                          |
|-------------------------------------------------|---------------------------|-----------------------------------|--------------------------|
| <b>Physical State:</b>                          | Liquid                    | <b>Appearance:</b>                | Liquid                   |
| <b>Color:</b>                                   | Light green               | <b>Boiling point/range:</b>       | >200 (°F) >100 (°C)      |
| <b>Odor:</b>                                    | Slight                    | <b>Melting point/range:</b>       | Not determined           |
| <b>Specific gravity:</b>                        | 1.00 g/cc                 | <b>pH:</b>                        | 6.0-7.0                  |
| <b>Dilution pH:</b>                             | No information available. | <b>Density:</b>                   | 1.00 g/ml                |
| <b>Bulk density:</b>                            | No information available  | <b>Decomposition temperature:</b> | Not determined           |
| <b>Vapor density:</b>                           | No information available  | <b>Autoignition temperature:</b>  | No information available |
| <b>Evaporation rate:</b>                        | No information available  | <b>Solubility:</b>                | Soluble                  |
| <b>Solubility in other solvents:</b>            | No information available  | <b>VOC:</b>                       | 0                        |
| <b>Viscosity:</b>                               | No information available  | <b>Flash point:</b>               | Not applicable           |
| <b>Partition coefficient (n-octanol/water):</b> | No information available  |                                   |                          |

## 10. STABILITY AND REACTIVITY

|                                          |                                          |
|------------------------------------------|------------------------------------------|
| <b>Stability:</b>                        | The product is stable                    |
| <b>Polymerization:</b>                   | Hazardous polymerisation does not occur. |
| <b>Hazardous decomposition products:</b> | None reasonably foreseeable.             |
| <b>Materials to avoid:</b>               | None known.                              |

## 11. TOXICOLOGICAL INFORMATION

|                               |                                                   |
|-------------------------------|---------------------------------------------------|
| <b>Acute toxicity</b>         | Oral LD50 estimated to be greater than 5000 mg/kg |
| <b>Component Information:</b> | See Section 3                                     |
| <b>Chronic toxicity:</b>      | None known                                        |
| <b>Specific effects</b>       |                                                   |
| <b>Carcinogenic effects:</b>  | None known                                        |
| <b>Mutagenic effects:</b>     | None known                                        |
| <b>Reproductive toxicity:</b> | None known                                        |
| <b>Target organ effects:</b>  | None known                                        |

## 12. ECOLOGICAL INFORMATION

|                                   |                                                                                                     |
|-----------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Environmental Information:</b> | 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).

##### 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: | ILRTK: | CTRTK: |
|---------------|-----------|--------|--------|--------|--------|--------|--------|
| Water         | 7732-18-5 | -      | -      | -      | -      | -      | -      |

##### CERCLA / SARA

None

##### Canada

**WHMIS hazard class:** Non-controlled.

#### 16. OTHER INFORMATION

**Reason for revision:** Not applicable

**Prepared by:** NAPRAC

**Additional advice:** None

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