



## J-Works TEMPEST Solvent-Free Cleaner/Degreaser

| HMIS                          |   | NFPA | Personal protective equipment |
|-------------------------------|---|------|-------------------------------|
| Health                        | 2 | 2    |                               |
| Flammability                  | 0 | 0    |                               |
| Physical Hazard / Instability | 0 | 0    |                               |

Version Number: 2

Preparation date: 2014-07-10

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** J-Works TEMPEST Solvent-Free Cleaner/Degreaser

**MSDS #:** MS0300555

**Product Code:** 5002232, 5006516, 5124651, 5271352, 5298467, 6272110, 6272550, 5711928

**Recommended use:**

- Cleaner/Degreaser
- This product is intended to be diluted prior to use

**Manufacturer, importer, supplier:**

|                                                                                                                                                                                                  |                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| US Headquarters<br>Diversey, Inc.<br>8310 16th St.<br>Sturtevant, Wisconsin 53177-1964<br>Phone: 1-888-352-2249<br>MSDS Internet Address: <a href="http://www.diversey.com">www.diversey.com</a> | Canadian Headquarters<br>Diversey, Inc. - Canada<br>2401 Bristol Circle<br>Oakville, Ontario L6H 6P1<br>Phone: 1-800-668-3131 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|

**Emergency telephone number:** 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

WARNING. CAUSES EYE AND SKIN IRRITATION.

**Principal routes of exposure:** Eye contact. Skin contact. Inhalation.

**Eye contact:** Severe eye irritation.

**Skin contact:** Severe skin irritation.

**Inhalation:** May be irritating to nose, throat, and respiratory tract.

**Ingestion:** May cause irritation to mouth, throat and stomach.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient(s)       | CAS #      | Weight % | LD50 Oral - Rat<br>(mg/kg) | LD50 Dermal -<br>Rabbit | LC50 Inhalation -<br>Rat |
|---------------------|------------|----------|----------------------------|-------------------------|--------------------------|
| Alcohol ethoxylates | 68439-46-3 | 1 - 5%   | 1400                       | Not available           | Not available            |
| Sodium hydroxide    | 1310-73-2  | 1 - 5%   | 500                        | ≈1350 mg/kg             | 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.

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

**Inhalation:** If breathing is affected, remove to fresh air. Get medical attention.

**Ingestion:** 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. Give a cupful of water or milk.

**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. Extinguish fire using agent suitable for surrounding fire.

**Extinguishing media which must not be used for safety reasons:** No information available.

**Specific hazards:** Not applicable.

**Unusual hazards:** None known.

**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.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment.

**Environmental precautions and clean-up methods:** Clean-up methods - large spillage. 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. Do not taste or swallow. 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. 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:** Chemical-splash goggles.

**Hand protection:** Chemical-resistant gloves

**Skin and body protection:** No special protective clothing is required.

**Respiratory protection:** No special protective clothing is required.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

| <b>Ingredient(s)</b> | <b>CAS #</b> | <b>ACGIH</b>                  | <b>OSHA</b>               | <b>Mexico</b>                 |
|----------------------|--------------|-------------------------------|---------------------------|-------------------------------|
| 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

**Physical State:** Liquid

**Appearance:** Liquid

**Specific gravity:** 1.0711

**Vapor density:** No information available

**Boiling point/range:** Not determined

**Decomposition temperature:** Not determined

**Solubility:** Completely Soluble

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

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

**Elemental Phosphorus:** 0.00 % by wt.

**pH:** 12.85

**Explosion limits:** - upper: Not determined - lower: Not determined

**Bulk density:** No information available

**Evaporation Rate:** No information available

**Color:** Clear, Green

**Odor:** Surfactant

**Melting point/range:** Not determined

**Autoignition temperature:** No information available

**Density:** 8.93 lbs/gal 1.0711 Kg/L

**Flash point:** > 200 °F > 93.3 °C

**Viscosity:** No information available

**VOC:** 0 % \*

**Dilution pH:** 12.42 @ 1:5

\* - 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 any other product or chemical.

## 11. TOXICOLOGICAL INFORMATION

|                               |                                                                                                |
|-------------------------------|------------------------------------------------------------------------------------------------|
| <b>Acute toxicity:</b>        | Oral LD50 estimated to be between 2000 - 5000 mg/kg. Dermal LD50 estimated to be > 2000 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> | No data available. |
|-----------------------------------|--------------------|

## 13. DISPOSAL CONSIDERATIONS

### Waste from residues / unused products:

This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**RCRA Hazard Class (undiluted product):** D002 Corrosive Waste

## 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** Please refer to the Diversey HazMat Library, only available through Internet Explorer, <http://naextranet.diversey.com/dot/>, for up to date shipping information.

**DOT (Ground) Bill of Lading Description:** CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

**IMDG (Ocean) Bill of Lading Description:** CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

## 15. REGULATORY INFORMATION

### International Inventories at CAS# Level

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.

### RIGHT TO KNOW (RTK)

| Ingredient(s)            | CAS #      | MARTK: | NJRTK: | PARTK: | RIRTK: |
|--------------------------|------------|--------|--------|--------|--------|
| Water                    | 7732-18-5  | -      | -      | -      | -      |
| Sodium silicate          | 1344-09-8  | -      | -      | -      | -      |
| Sodium xylene sulfonate  | 1300-72-7  | -      | -      | -      | -      |
| Alcohol ethoxylates      | 68439-46-3 | -      | -      | -      | -      |
| Tetrasodium salt of EDTA | 64-02-8    | -      | -      | -      | -      |
| Sodium hydroxide         | 1310-73-2  | X      | X      | X      | X      |

### CERCLA/ SARA

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

### 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:**

- Does not contain an added fragrance
- This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations

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