

5006516

MATERIAL SAFETY DATA SHEET



J-Works TEMPEST Solvent-Free Cleaner/Degreaser

HMIS		NFPA		Personal protective equipment
Health	2	Health	2	
Fire Hazard	0	Flammability	0	
Reactivity	0	Instability	0	

Version Number: 1

Preparation date: 2009-09-22

1. PRODUCT AND COMPANY IDENTIFICATION

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

MSDS #: MS0300555

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

Recommended use: Cleaner/Degreaser. This product is intended to be diluted prior to use.

Manufacturer, importer, supplier:

US Headquarters

Diversey, Inc.

8310 16th St.

Sturtevant, Wisconsin 53177-1964

Phone: 1-888-352-2249

MSDS Internet Address:

www.johnsondiversey.com

Emergency telephone number:

1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

Canadian Headquarters

Diversey, Inc. - Canada, Inc.

2401 Bristol Circle

Oakville, Ontario L6H 6P1

Phone: 1-800-668-3131

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING: CAUSES EYE AND SKIN IRRITATION. MAY BE HARMFUL IF SWALLOWED.

Principle 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 be irritating to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Sodium hydroxide	1310-73-2	1 - 5%	140	1350 mg/kg	Not available
Alcohol ethoxylates	68439-46-3	1 - 5%	1400	>2 g/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:

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. Extinguish fire using agent suitable for surrounding fire.
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: 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. Mix only with water. Do not mix with any other product or chemical. May react to release hazardous gases.
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.

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Sodium hydroxide	1310-73-2	2 mg/m ³ (Ceiling)	2 mg/m ³ (TWA)	2 mg/m ³ (Ceiling)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Appearance: Liquid
Vapor density: No information available
Color: Clear Green
Boiling point/range: Not determined
Autoignition temperature: No information available
Density: 8.93 lbs/gal 1.0711 Kg/L
Partition coefficient (n-octanol/water): No information available
Solubility in other solvents: No information available
Elemental Phosphorus: 0.00 % by wt.
pH: 12.85
Dilution pH: 12.42 @ 1:5

Bulk density: No information available
Evaporation Rate: No information available
Specific gravity: 1.0711
Odor: Surfactant
Melting point/range: Not determined
Decomposition temperature: Not determined
Flash point: > 200 °F > 93.4 °C
Solubility: Completely Soluble
Viscosity: No information available
VOC: 0 % *

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

* - 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

Acute toxicity: Oral LD50 estimated to be between 2000 - 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

12. ECOLOGICAL INFORMATION

Environmental Information: No data available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local applicable regulations.

RCRA Hazard Class: D002

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.

RIGHT TO KNOW (RTK)

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

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: None.

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.