

JF 1902

## MATERIAL SAFETY DATA SHEET

JohnsonDiversey

Clean is just the best result



## Solvent Treatment 1

HMIS		NFPA	Personal protective equipment
Health	2	2	None / Aucune / Ninguno
Fire Hazard	1	1	
Reactivity	0	0	

Version Number: 1

Preparation date: 2009-03-16

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Solvent Treatment 1

MSDS #: MS0300325

Product Code: 5176566, 3663088

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.johnsondiversev.com

Emergency telephone number: 1-800-851-7145 (U.S.)

Canadian Headquarters

JohnsonDiversey - Canada, Inc.

2401 Bristol Circle

Oakville, Ontario L6H 6P1

Phone: 1-800-668-3131

## 2. HAZARDS IDENTIFICATION

## EMERGENCY OVERVIEW

CAUTION: CAUSES EYE IRRITATION. MAY BE MILDLY IRRITATING TO SKIN. COMBUSTIBLE LIQUID AND VAPOR. Contains enzymes which may produce respiratory allergy if inhaled in spray or dust.

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:

Contains enzymes which may produce respiratory allergy if inhaled in spray or dust.

Ingestion:

May cause irritation to mouth, throat and stomach.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

## Hazardous ingredients

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Sodium thiosulphate	7772-98-7	5 - 10%	5000	Not available	Not available
Enzyme	Proprietary	0.1 - 1.5%	2000	Not available	Not available
Propylene glycol methyl ether	107-98-2	5 - 10%	5200	=13000 mg/kg	=54.6 mg/L (4 h)
Dipropylene glycol methyl ether	34590-94-8	1 - 5%	5135	9500 mg/kg	>24 mg/L (1 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:

If breathing is affected, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion:

If swallowed, give a cupful of water or milk.

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:

Carbon dioxide. Dry chemical. "Alcohol" foam.

Specific hazards:

Enzyme - dust and aerosols may cause allergic respiratory reaction.

Unusual hazards:

None known.

Specific methods:

None known.

Autoignition temperature:

No information available.

## 5. FIRE-FIGHTING MEASURES

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NOSH (approved or equivalent) and full protective gear. Wear self contained breathing apparatus for fire fighting if necessary.  
**Extinguishing media which must not be used for safety reasons:** None.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions:

Put on appropriate personal protective equipment (see Section 8.). Ensure adequate ventilation. In case of an incident in a confined area wear suitable respiratory protection. Mop or use low-pressure water spray which will not create aerosols.

### Environmental precautions and clean-up methods:

Remove immediately by using vacuum with filter or mopping or washing. Sweeping, blowing, splashing, or high-pressure flushing should be avoided as this creates dust or aerosols. Remove and wash contaminated clothing.

## 7. HANDLING AND STORAGE

### Handling:

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. COMBUSTIBLE LIQUID AND VAPOR. Keep away from open flames, hot surfaces and sources of ignition. Do not spray into the air. Do not create aerosols or mists. Do not breathe dust or mist. Use only in well-ventilated areas. 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
Enzyme		0.00006 mg/m <sup>3</sup> (Ceiling)		
Propylene glycol methyl ether	107-98-2	150 ppm (STEL) 100 ppm (TWA)		
Dipropylene glycol methyl ether	34590-94-8	150 ppm (STEL) 100 ppm (TWA)	Skin 100 ppm (TWA) 600 mg/m <sup>3</sup> (TWA)	900 mg/m <sup>3</sup> (STEL) 150 ppm (STEL) 100 ppm (TWA) 60 mg/m <sup>3</sup> (TWA)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Bulk density:</b>	No information available
<b>pH:</b>	8	<b>Dilution pH:</b>	Not Applicable @ (RTU)
<b>Appearance:</b>	Liquid	<b>Vapor density:</b>	No information available
<b>Color:</b>	Colorless	<b>Evaporation Rate:</b>	No information available
<b>Odor:</b>	Fresh	<b>Boiling point/range:</b>	Not determined
<b>Specific gravity:</b>	0.93	<b>Melting point/range:</b>	Not determined
<b>Density:</b>	7.76 lbs/gal Kg/L	<b>Decomposition temperature:</b>	Not determined
<b>VOC:</b>	2.5% *	<b>Autoignition temperature:</b>	No information available
<b>Flash point:</b>	>150°F >65.6°C	<b>Partition coefficient (n-octanol/water):</b>	No information available
<b>Solubility:</b>	Completely Soluble	<b>Solubility in other solvents:</b>	No information available
<b>Viscosity:</b>	No information available	<b>Elemental Phosphorus:</b>	0% by wt.

\* - 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:

None under normal processing.

### Hazardous decomposition products:

None reasonably foreseeable..

### Materials to avoid:

Oxidising agents.

### Conditions to avoid:

Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

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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

**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/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:
Enzyme	Proprietary	-	-	-	-
Water	7732-18-5	-	-	-	-
Sodium thiosulfate	7772-98-7	-	X	-	-
Propylene glycol methyl ether	107-98-2	X	X	X	X
Dipropylene glycol methyl ether	34590-94-8	X	X	X	X
Propylene glycol phenyl ether	770-35-4	-	-	-	-
Alcohol ethoxylates	68131-39-5	-	-	-	-

**CERCLA/ SARA**

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Dipropylene glycol methyl ether	34590-94-8	1 - 5%			X

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Dipropylene glycol methyl ether	X		

**SARA 311/312 Hazard Categories**

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

**Canada**

WHMIS hazard class: B3 Combustible liquid, D2B Toxic materials.



Ingredient(s)	CAS #	NPRI
Propylene glycol methyl ether	107-98-2	X

**16. OTHER INFORMATION**

Reason for revision: Not applicable

## 16. OTHER INFORMATION

Prepared by: NAPRAC  
Additional advice: None

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