

# MATERIAL SAFETY DATA SHEET



## HEAVY DUTY PRESPRAY SC

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

Version Number: 1

Preparation date: 2006-06-05

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** HEAVY DUTY PRESPRAY SC  
**MSDS #:** MS0200023  
**Product code:** 04274  
**Recommended use:** Carpet Care. This product is intended to be diluted prior to use.

**Manufacturer, importer, supplier:**  
 US Headquarters: Canadian Headquarters  
 JohnsonDiversey, Inc. JohnsonDiversey - Canada, Inc.  
 8310 16th St. 2401 Bristol Circle  
 Sturtevant, Wisconsin 53177-0902 Oakville, Ontario L6H 6P1  
 Phone: 1-888-352-2249 Phone: 1-800-668-3131  
 MSDS Internet Address:  
 www.johnsondiversey.com

**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

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:** Moderately irritating to the skin.  
**Inhalation:** May be irritating to nose, throat, and respiratory tract.  
**Ingestion:** May be irritating to mouth, throat and stomach .

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### HAZARDOUS COMPONENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Styrene	100-42-5	1 - 5%	= 1000 mg/kg	Not available	= 11.8 mg/L (4h)
Acrylic acid	79-10-7	1 - 5%	= 33.5 mg/kg	= 250 mg/kg	= 1202 ppm (4h) = 3.6 mg/L (4h) = 6.41 mg/L (1h)
Citric acid	77-92-9	1 - 5%	= 3000 mg/kg	Not available	Not available
Diethylene glycol butyl ether	112-34-5	1 - 5%	= 3384 mg/kg	= 2700 mg/kg	Not available
Isopropyl alcohol	67-63-0	1 - 5%	= 4396 mg/kg	= 12800 mg/kg	= 72.6 mg/L (4h)
Trisodium salt of NTA	5064-31-3	0.1 - 1.5%	= 920 mg/kg	Not available	> 5 mg/L (4h)

### 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. If irritation persists, 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

## 5. FIRE-FIGHTING MEASURES

**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:** 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 THE 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
Styrene	100-42-5	40 ppm (STEL) 20 ppm (TWA)	200 ppm (Ceiling) 100 ppm (TWA)	425 mg/m <sup>3</sup> (STEL) 100 ppm (STEL) 50 ppm (TWA) 215 mg/m <sup>3</sup> (TWA)
Acrylic acid	79-10-7	2 ppm (TWA)		
Isopropyl alcohol	67-63-0	400 ppm (STEL) 200 ppm (TWA)	400 ppm (TWA) 980 mg/m <sup>3</sup> (TWA)	500 ppm (STEL) 1225 mg/m <sup>3</sup> (STEL) 980 mg/m <sup>3</sup> (TWA) 400 ppm (TWA)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b> Liquid	<b>Bulk density:</b> No information available
<b>pH:</b> 7.4	<b>Dilution pH:</b> 7
<b>Appearance:</b> Liquid	<b>Vapor density:</b> No information available
<b>Color:</b> Light yellow	<b>Evaporation Rate:</b> No information available
<b>Odor:</b> Apple	<b>Boiling point/range:</b> Not determined
<b>Specific gravity:</b> 1.09	<b>Melting point/range:</b> Not determined
<b>Density:</b> 9.10 lbs/gal	<b>Decomposition temperature:</b> Not determined
<b>VOC:</b> 0.9% *	<b>Autoignition temperature:</b> No information available
<b>Flash point:</b> >200 (°F) >200 (°C)	<b>Partition coefficient (n-octanol/water):</b> No information available
<b>Solubility:</b> Easily soluble	<b>Solubility in other solvents:</b> No information available
<b>Viscosity:</b> No information available	<b>Elemental Phosphorus:</b> 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:** The product is stable  
**Polymerization:** Hazardous polymerization does not occur  
**Hazardous decomposition products:** None reasonably foreseeable.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity** Oral LD50 estimated to be 3000 - 4000 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 COMPONENTS

Ingredient(s)	CAS #	NTP	IARC	OSHA
Styrene	100-42-5		2B	X
Isopropyl alcohol	67-63-0		3	X
Trisodium salt of NTA	5064-31-3		2B	X

## 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:
Styrene	100-42-5	X	X	-	X
Water	7732-18-5	-	-	-	-
Acrylic acid	79-10-7	X	X	-	X
Isopropyl alcohol	67-63-0	X	X	X	X
Alcohol ethoxylates	34398-01-1	-	-	-	-
Trisodium salt of NTA	5064-31-3	X	-	-	-
Tetrasodium salt of EDTA	64-02-8	-	-	-	-
Sodium octane sulfonate	5324-84-5	-	-	-	-
Sodium sulfate	7757-82-6	X	-	-	-

### CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Styrene	100-42-5	1 - 5%	1000		X
Acrylic acid	79-10-7	1 - 5%	5000		X
Isopropyl alcohol	67-63-0	1 - 5%			X

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Styrene	X		
Acrylic acid	X		

### SARA 311/312 Hazard Categories

**Immediate:** Y

### Canada

**WHMIS hazard class:** D2B Toxic materials .



Ingredient(s)	CAS #	NPRI
Styrene	100-42-5	X
Acrylic acid	79-10-7	X
Isopropyl alcohol	67-63-0	X

## 16. OTHER INFORMATION

**Reason for revision:** Not applicable  
**Prepared by:** NAPRAC  
**Additional advice:** None

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