




MATERIAL SAFETY DATA SHEET

HEAVY DUTY PRESpray SC

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

Version Number: 2

Preparation date: 2009-07-07

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: HEAVY DUTY PRESpray SC

MSDS #: MS0300233

Product Code: 04274

Recommended use: Carpet Care. 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

Canadian Headquarters
Diversey, Inc. - Canada, Inc.
2401 Bristol Circle
Oakville, Ontario L6H 6P1
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. MAY BE HARMFUL IF SWALLOWED.

Principle routes of exposure:

Eye contact:

Eye contact Skin contact Inhalation

Skin contact:

Severe eye irritation.

Inhalation:

Moderately irritating to the skin.

Ingestion:

May be irritating to nose, throat, and respiratory tract.

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
Diethylene glycol butyl ether	112-34-5	5 - 10%	3384	= 2700 mg/kg	Not available
Isopropyl alcohol	67-63-0	1 - 5%	4396	12870 mg/kg	72.6 mg/L (4 h)
Alcohol ethoxylates	68439-46-3	10 - 20%	1400	>2 g/kg	Not available
Citric acid	77-92-9	1 - 5%	3000	Not available	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. 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

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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. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. 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.

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Isopropyl alcohol	67-63-0	400 ppm (STEL) 200 ppm (TWA)	400 ppm (TWA) 980 mg/m ³ (TWA)	500 ppm (STEL) 1225 mg/m ³ (STEL) 980 mg/m ³ (TWA) 400 ppm (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Appearance: Liquid
Vapor density: No information available
Color: Clear Yellow
Boiling point/range: Not determined
Autoignition temperature: No information available
Density: 8.82 lbs/gal 1.058 Kg/L
Partition coefficient (n-octanol/water): No information available
Solubility in other solvents: No information available
Elemental Phosphorus: 0 % by wt.
pH: 8.2
Dilution pH: 7.78 @ 1:40

Bulk density: No information available
Evaporation Rate: No information available
Specific gravity: 1.058
Odor: Floral Fruity
Melting point/range: Not determined
Decomposition temperature: Not determined
Flash point: > 200 °F > 93.4 °C
Solubility: Completely Soluble
Viscosity: No information available
VOC: 1.85 % *

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: Strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral LD50 estimated to be 3000 - 4000 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

Hazardous Ingredients

Ingredient(s)	CAS #	NTP	IARC	OSHA
Isopropyl alcohol	67-63-0		3	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/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:
2-Ethylhexyl sodium sulphate	126-92-1	-	-	-	-
Disodium 2-hydroxyethyliminodi(acetate)	135-37-5	-	-	-	-
Isopropyl alcohol	67-63-0	X	X	X	X
Alcohol ethoxylates	68439-46-3	-	-	-	-
Water	7732-18-5	-	-	-	-
PROPRIETARY		-	-	-	-

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Isopropyl alcohol	67-63-0	1 - 5%			X

SARA 311/312 Hazard Categories

Immediate: X

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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: When used through dispensing/autodose equipment, this product meets Green Seal's requirements for skin and eye irritation and acute toxicity at the as-used dilution. Contains an added fragrance, see "Odor" heading in section 9 for specific description.

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