

MATERIAL SAFETY DATA SHEET

Version Number: 1

Preparation date: 2006-03-22

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: TRAILBREAKER HEAVY-DUTY PRESPRAY W/ PROZYME
MSDS #: MS0100690
Product code: 6005110
Recommended use: Carpet Care. This product is intended to be diluted prior to use.

Manufacturer, importer, supplier:
US Headquarters
JohnsonDiversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-0902
Ramsey Information Phone: 1-800-421-2768
MSDS Internet Address:
www.ramseycompany.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 IRRITATION
- MAY BE MILDLY IRRITATING TO SKIN

Principle routes of exposure: Eye contact. Skin contact. Inhalation.
Eye contact: Severe eye irritation.
Skin contact: May be mildly irritating to skin.
Inhalation: May be irritating to nose, throat, and respiratory tract.
Ingestion: May cause irritation to mouth, throat and stomach .

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient(s)	CAS #	Weight %
Diethylene glycol butyl ether	112-34-5	5 - 10%
Diacetone alcohol	123-42-2	0.1 - 1.5%

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 develops, get medical attention.

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

Ingestion: 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: None known.

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

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

Specific hazards: Not applicable**Unusual hazards:** None known**Specific methods:** No special methods required**NFPA****Health:** 2**Flammability:** 0**Instability:** 0**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

Ingredient(s)	ACGIH	OSHA	Mexico
Diacetone alcohol	50 ppm (TWA)	240 mg/m ³ (TWA) 50 ppm (TWA)	75 ppm (STEL) 360 mg/m ³ (STEL) 50 ppm (TWA) 240 mg/m ³ (TWA)

HMIS**Health** 2**Fire Hazard** 0**Reactivity** 0**Personal protective equipment****9. PHYSICAL AND CHEMICAL PROPERTIES****Physical State:** Liquid**Color:** Hazy Amber**pH:** 7**Specific gravity:** 1.01**Bulk density:** No information available**Evaporation Rate:** No information available**Appearance:** Liquid**Odor:** Characteristic**Dilution pH:** 7**Density:** 8.43 lbs/gal**Vapor density:** No information available**Viscosity:** No information available

9. PHYSICAL AND CHEMICAL PROPERTIES**Solubility:** Soluble**VOC:** 1.2% ***Solubility in other solvents:** No information available**Partition coefficient (n-octanol/water):** No information available

Boiling point/range:	Not determined
Melting point/range:	Not determined
Flash point:	>200°F >93.3°C
Decomposition temperature:	Not determined
Autoignition temperature:	No information available
Elemental Phosphorus:	0 %P

10. STABILITY AND REACTIVITY**Stability:** The product is stable**Polymerization:** Hazardous polymerization does not occur**Hazardous decomposition products:** None reasonably foreseeable.**11. TOXICOLOGICAL INFORMATION****HAZARDOUS COMPONENTS**

Ingredient(s)	LD50 Oral - Rat	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Diethylene glycol butyl ether	=3384 mg/kg	=2700 mg/kg	Not available
Diacetone alcohol	=4 g/kg	=13500 mg/kg	Not available

Acute toxicity Oral LD50 estimated to be greater than 5000 mg/kg**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/NDL).

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:
Water	7732-18-5	-	-	-	-
Diethylene glycol butyl ether	112-34-5	-	-	X	-

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Tripropylene glycol methyl ether	25498-49-1	-	-	X	-
Alcohol ethoxylates	34398-01-1	-	-	-	-
Diacetone alcohol	123-42-2	X	X	X	X
Sodium alkyl naphthalene sulfonate (136411-5336P)	TS*	-	-	-	-

CERCLA/ SARA

Ingredient(s)	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Diethylene glycol butyl ether 112-34-5	5 - 10%			X

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Diethylene glycol butyl ether 112-34-5	X		

SARA 311/312 Hazard Categories

Immediate: Y

Canada

WHMIS hazard class: D2B Toxic materials.



Ingredient(s)	CAS #	NPRI
Diethylene glycol butyl ether	112-34-5	X
Tripropylene glycol methyl ether	25498-49-1	X
Diacetone alcohol	123-42-2	X

16. OTHER INFORMATION

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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