



MATERIAL SAFETY DATA SHEET

Version Number: 2

Preparation date: 2005-04-26

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: REDEEM Carpet Extraction Rinse
Product code: 4353110
MSDS #: F-00069001
Recommended use: Carpet Care .

Manufacturer, importer, supplier:
US Headquarters: Canadian Headquarters
The Butcher Company: JohnsonDiversey - Canada, Inc.
8310 16th St. 2401 Bristol Circle
Sturtevant, Wisconsin 53177-0902 Oakville, Ontario L6H 6P1
Phone: 1-800-225-9475 Phone: 1-800-668-3131
MSDS Internet Address:
www.thebutchercompany.com

Emergency telephone number: 1-800-228-5635 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

- WARNING
• CONCENTRATE
• CAUSES EYE AND SKIN IRRITATION

Principle routes of exposure: Eyes. Skin. Inhalation.
Skin contact: Moderately irritating to the skin.
Eye contact: Severe eye 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

HAZARDOUS COMPONENTS

Table with 3 columns: Ingredient, CAS #, Weight %. Rows include Sulfamic acid (CAS 5329-14-6, 3-7%) and Dipropylene glycol methyl ether (CAS 34590-94-8, 3-7%).

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: Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Get medical attention.
Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:
Use dry chemical, CO2, water spray or "alcohol" foam.

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: Put on appropriate personal protective equipment (see Section 8.). Contaminated surfaces will be extremely slippery.

Environmental precautions and clean-up methods: Clean-up methods - large spillage. Prevent product from entering drains. 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. Wash thoroughly after handling. 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 requirements under normal use conditions. If major exposure is possible, wear suitable protective clothing and footwear. Long sleeved clothing. Chemical resistant apron.

Respiratory protection: No special requirements under normal use conditions.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

Ingredient	ACGIH	OSHA	Mexico
Dipropylene glycol methyl ether 34590-94-8	150 ppm (STEL) 100 ppm (TWA)	600 mg/m ³ 100 ppm Can be absorbed through the skin.	600 mg/m ³ (TWA) 900 mg/m ³ (STEL)

HMIS

Health 2

Fire Hazard 0

Reactivity 0

Personal protective equipment**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State: Liquid

Color: Colourless

pH: 1.0

Specific gravity: 1.03

Bulk density: No information available

Evaporation rate: No information available

Solubility: Soluble

Solubility in other solvents: No information available

Partition coefficient (n-octanol/water): No information available

Appearance: Aqueous solution

Odor: Fresh

Dilution pH: No information available

Density: 8.63

Vapor density: No information available

Viscosity: No information available

VOC: 5.0

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

10. STABILITY AND REACTIVITY

Stability:	The product is stable
Polymerization:	Hazardous polymerisation does not occur
Hazardous decomposition products:	None reasonably foreseeable

11. TOXICOLOGICAL INFORMATION

Component Information:

HAZARDOUS COMPONENTS

Ingredient	LD50 Oral	LD50 Dermal	LC50 Inhalation
Alcohol ethoxylates	Not available	Not available	Not available
Sulfamic acid	3160 mg/kg (rat)	Not available	Not available
Dipropylene glycol methyl ether	5.4 ml/kg (rat)	10 mL/kg (rabbit)	Not available

Acute toxicity	Oral, LD50 estimated to be greater than 5000 mg/kg, Dermal, LD50 estimated to be > 2000 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:	When used for its intended purpose this product should not cause adverse effects in the environment
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13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	Dispose of according to all federal, state and local applicable regulations
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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	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Sulfamic acid	5329-14-6	-	-	-	-	-	-
Water	7732-18-5	-	-	-	-	-	-
Dipropylene glycol methyl ether	34590-94-8	Listed	Listed	Listed	Listed	Listed	-
Alcohol ethoxylates	34398-01-1	-	-	-	-	-	-

CERCLA / SARA

SARA 311/312 Hazard Categories

Immediate:	Y
Delayed:	N
Fire:	N
Reactivity:	N
Sudden Release of Pressure:	N

Canada

WHMIS hazard class: D2B Toxic materials .

**16. OTHER INFORMATION**

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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