



MATERIAL SAFETY DATA SHEET

Version Number: 3

Preparation date: 2005-06-08

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: BULLDOZER Heavy-Duty Washroom Cleaner
Product code: 4312, 4312320
MSDS #: 4312
Recommended use: Cleaning product.

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
- CAUSES EYE AND SKIN IRRITATION
- MAY BE HARMFUL IF SWALLOWED

Principle routes of exposure: Skin contact. Eye contact. Ingestion. 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

Ingredient	CAS #	Weight %
Dipropylene glycol n-butyl ether	29911-28-2	1 - 5%
Alcohol ethoxylates	34398-01-1	0.1 - 1.5%
Polyoxyethylene coconut amine	61791-14-8	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 immediately.

Skin contact: Flush immediately with plenty of water. Take off contaminated clothing . If irritation persists, get medical attention.

Inhalation: If breathing is affected, remove to fresh air. If person is not breathing, call 911 or an ambulance and then give artificial respiration, preferably by mouth to mouth, if possible.

Ingestion: Do not induce vomiting. Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:
Dry chemical, water spray, foam, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

None.

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: None known.**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.).**Environmental precautions and clean-up methods:** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.**7. HANDLING AND STORAGE****Handling:** Avoid contact with skin, eyes and clothing. Use only with adequate ventilation. Avoid breathing vapors or mists. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.**Storage:** Keep tightly closed in a dry, cool and well-ventilated place. Protect from freezing . 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: If major exposure is possible, wear suitable protective clothing and footwear.
Respiratory protection: No special requirements under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

HMIS**Health 2****Fire Hazard 0****Reactivity 0****Personal protective equipment****9. PHYSICAL AND CHEMICAL PROPERTIES****Physical State:** Liquid**Color:** Blue Green**pH:** 0.3 - 1.2**Specific gravity:** 1.02**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:** No information available**Vapor density:** No information available**Viscosity:** No information available**VOC:** 0.0

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
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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:

Acute toxicity	Oral, LD50 estimated to be 3000 - 4000 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/NDSL), Europe (EINECS/ELINCS/NLP).

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:
Water	7732-18-5	-	-	-	-	-	-
Dipropylene glycol n-butyl ether	29911-28-2	-	-	-	-	-	-
Alcohol ethoxylates	34398-01-1	-	-	-	-	-	-
Urea monohydrochloride	506-89-8	-	-	-	-	-	-
Polyoxyethylene coconut amine	61791-14-8	-	-	-	-	-	-

CERCLA / SARA

None

CAA HAP/CAA ODS/CWA Priority Pollutants: None

Canada

WHMIS hazard class: D2B Toxic materials .



16. OTHER INFORMATION

Reason for revision:	Not applicable
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Prepared by: NAPRAC

Additional advice: None

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