



MATERIAL SAFETY DATA SHEET

Version Number: 1

Preparation date: 2005-05-11

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Bare Knuckles Ultra Stripper
Product code: 4021, 4021110, 4021520, 4021550
MSDS #: 4021
Recommended use: Floor stripper.

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: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (Mexico)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

- DANGER
CORROSIVE
CAUSES SKIN AND EYE BURNS
HARMFUL IF SWALLOWED OR INHALED

Principle routes of exposure: Skin contact. Inhalation. Ingestion. Eye contact.
Skin contact: Corrosive. May cause permanent damage.
Eye contact: Corrosive. Causes permanent eye damage, including blindness.
Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.
Ingestion: Corrosive. Causes burns to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Table with 3 columns: Ingredient, CAS #, Weight %. Rows include Sodium hydroxide, 2-Butoxyethanol, and Monoethanolamine.

4. FIRST AID MEASURES

Eye contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes.
Skin contact: Flush immediately with plenty of water for at least 15 minutes.
Inhalation: If breathing is affected, remove to fresh air.
Ingestion: DO NOT induce vomiting.
Aggravated Medical Conditions: None known.

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: Corrosive material (See sections 8 and 10).

Specific methods: No special methods required.

NFPA

Health: 3

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:

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. Avoid breathing vapors or mists. Use only with adequate ventilation. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Do not mix with any other product or chemical . 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:

General room ventilation plus local exhaust should be used to minimize exposure to vapors .

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. In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice . Avoid contact with skin, eyes and clothing .

Ingredient	ACGIH	OSHA	Mexico
Sodium hydroxide 1310-73-2	2 mg/m ³ (Ceiling)	2 mg/m ³	2 mg/m ³ (Ceiling)
2-Butoxyethanol 111-76-2	20 ppm (TWA)	240 mg/m ³ 50 ppm Can be absorbed through the skin.	120 mg/m ³ (TWA) 360 mg/m ³ (STEL)
Monoethanolamine 141-43-5	6 ppm (STEL) 3 ppm (TWA)	6 mg/m ³ 3 ppm	8 mg/m ³ (TWA) 15 mg/m ³ (STEL)

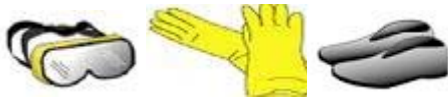
HMS

Health 3

Fire Hazard 0

Reactivity 0

Personal protective equipment



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid	Appearance: Liquid
Color: Red	Odor: Ammoniacal
pH: 13.0 - 14.0	Dilution pH: No information available
Specific gravity: 1.02	Density: 1.02
Bulk density: No information available	Vapor density: No information available
Evaporation rate: No information available	Viscosity: No information available
Solubility: Soluble	VOC: 15.6
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

10. STABILITY AND REACTIVITY

Stability:	The product is stable
Polymerization:	Hazardous polymerisation does not occur
Materials to avoid:	Strong oxidising agents. Acids. Metals .
Conditions to avoid:	Do not mix with any other product or chemical .
Hazardous decomposition products:	None reasonably foreseeable

11. TOXICOLOGICAL INFORMATION

Component Information:

HAZARDOUS COMPONENTS

Ingredient	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium hydroxide	140 mg/kg (rat)	Not available	Not available
2-Butoxyethanol	470 mg/kg (rat)	220 mg/kg (rabbit)	450 ppm (rat)
Monoethanolamine	1720 mg/kg (rat)	1 mL/kg (rabbit)	Not available

Acute toxicity	Corrosive .
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:

Undiluted product is regulated under environmental and transportation laws as a corrosive waste . Dispose of according to all federal, state and local applicable regulations .

RCRA Hazard Class: D002

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	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Water	7732-18-5	-	-	-	-	-	-
Sodium hydroxide	1310-73-2	Listed	Listed	Listed	Listed	Listed	Listed
Sodium xylene sulfonate	1300-72-7	-	-	-	-	-	-
2-Butoxyethanol	111-76-2	Listed	Listed	Listed	Listed	Listed	-
Alcohol ethoxylates	34398-01-1	-	-	-	-	-	-
Monoethanolamine	141-43-5	Listed	Listed	Listed	Listed	Listed	Listed

CERCLA / SARA

Ingredient	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Sodium hydroxide 1310-73-2	0.1 - 1.5%	1000		
2-Butoxyethanol 111-76-2	10 - 25%			Listed.

CAA HAP/CAA ODS/CWA Priority Pollutants: None

Canada

WHMIS hazard class: E Corrosive material , D2B Toxic materials .



Ingredient	CAS #	NPRI
2-Butoxyethanol	111-76-2	Listed

16. OTHER INFORMATION

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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