

## MATERIAL SAFETY DATA SHEET

Version Number: 1

Preparation date: 2006-03-27

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** LOW PROFILE  
**MSDS #:** MS0400028  
**Product code:** 4331, 4331110, 4331520  
**Recommended use:** Floor stripper. This product is intended to be diluted prior to use.

**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**

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

**Principle routes of exposure:** Eye contact. Skin contact. Inhalation. Ingestion.  
**Eye contact:** Corrosive. Causes permanent eye damage, including blindness.  
**Skin contact:** Corrosive. Causes permanent damage.  
**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

Ingredient(s)	CAS #	Weight %
Monoethanolamine	141-43-5	5 - 10%
Sodium hydroxide	1310-73-2	1 - 5%
Diethylene glycol butyl ether	112-34-5	1 - 5%
Benzyl alcohol	100-51-6	10 - 25%

**4. FIRST AID MEASURES**

**Eye contact:** Immediately flush eyes with running water for at least 15-20 minutes, keeping eyelids open. Get medical attention immediately.

**Skin contact:** Flush immediately with plenty of water for at least 15-20 minutes. Get medical attention immediately.

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

**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

**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:** Corrosive material (See sections 8 and 10).

**Specific methods:** None known.

**NFPA**

**Health:** 3

**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. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. 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 THE REACH OF CHILDREN.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**

Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

**Personal Protective Equipment**

**Eye protection:** Chemical splash goggles.

**Hand protection:** Chemical resistant gloves

**Skin and body protection:** Protective footwear.

**Respiratory protection:** In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

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

Ingredient(s)	ACGIH	OSHA	Mexico
Monoethanolamine	6 ppm (STEL) 3 ppm (TWA)	3 ppm (TWA) 6 mg/m <sup>3</sup> (TWA)	15 mg/m <sup>3</sup> (STEL) 6 ppm (STEL) 3 ppm (TWA) 8 mg/m <sup>3</sup> (TWA)
Sodium hydroxide	2 mg/m <sup>3</sup> (Ceiling)	2 mg/m <sup>3</sup> (TWA)	2 mg/m <sup>3</sup> (Ceiling)

**HMIS**

**Health** 3

**Fire Hazard** 0

**Reactivity** 0

**Personal protective equipment**

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Appearance:** Aqueous solution

**Color:** Colourless**pH:** 13.5**Specific gravity:** 8.85 lb/gal**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**Odor:** Characteristic**Dilution pH:** No information available.**Density:** 1.061 g/ml**Vapor density:** No information available**Viscosity:** No information available**VOC:** No information available

<b>Boiling point/range:</b>	Not determined
<b>Melting point/range:</b>	Not determined
<b>Flash point:</b>	>200 (°F) >93.3 (°C)
<b>Decomposition temperature:</b>	Not determined
<b>Autoignition temperature:</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	The product is stable.
<b>Polymerization:</b>	Hazardous polymerization does not occur.
<b>Materials to avoid:</b>	Oxidising agents. Acids.
<b>Conditions to avoid:</b>	Do not freeze.
<b>Hazardous decomposition products:</b>	None reasonably foreseeable.

## 11. TOXICOLOGICAL INFORMATION

### HAZARDOUS COMPONENTS

Ingredient(s)	LD50 Oral	LD50 Dermal	LC50 Inhalation
Monoethanolamine	1720 mg/kg (rat)	1 mL/kg (rabbit)	Not available
Sodium hydroxide	140 mg/kg (rat)	Not available	Not available
Diethylene glycol butyl ether	4500 mg/kg (rat)	2700 mg/kg (rabbit)	Not available
Benzyl alcohol	1230 mg/kg (rat)	2000 mg/kg (rabbit)	500 mg/m <sup>3</sup> (rat)

<b>Acute toxicity</b>	Corrosive
<b>Chronic toxicity:</b>	None known

### Specific effects

<b>Carcinogenic effects:</b>	None known
<b>Mutagenic effects:</b>	None known
<b>Reproductive toxicity:</b>	None known
<b>Target organ effects:</b>	None known

## 12. ECOLOGICAL INFORMATION

<b>Environmental Information:</b>	No data available
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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 .

## 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), Australia (AICS), Korea (ECL), Philippines (PICCS), China (IECSC).

**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:
Monoethanolamine	141-43-5	X	X	X	X
Water	7732-18-5	-	-	-	-
Sodium hydroxide	1310-73-2	X	X	-	X
Sodium xylene sulfonate	1300-72-7	-	-	-	-
Diethylene glycol butyl ether	112-34-5	-	-	-	-
Benzyl alcohol	100-51-6	X	-	X	-

**CERCLA/ SARA**

Ingredient(s)	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Sodium hydroxide 1310-73-2	1 - 5%	1000		
Diethylene glycol butyl ether 112-34-5	1 - 5%			X

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

**Canada**

**WHMIS hazard class:** E Corrosive material .

**16. OTHER INFORMATION**

**Reason for revision:** Not applicable

**Prepared by:** NAPRAC

**Additional advice:** None

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