

MATERIAL SAFETY DATA SHEET

Version Number: 3

Preparation date: 2006-11-17

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Jackhammer Baseboard and Buildup Stripper
MSDS #: MS0400060
Product code: 4022230
Recommended use: Floor care.

Manufacturer, importer, supplier:

US Headquarters
The Butcher Company
8310 16th St.
Sturtevant, Wisconsin 53177-0902
Phone: 1-800-225-9475
MSDS Internet Address:
www.thebutchercompany.com

Canadian Headquarters
JohnsonDiversey - Canada, Inc.
2401 Bristol Circle
Oakville, Ontario L6H 6P1
Phone: 1-800-668-3131

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**

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

Principle routes of exposure:

Eye contact. Skin contact. Inhalation.

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 %
2-butoxyethanol	111-76-2	5 - 10%
Sodium hydroxide	1310-73-2	1 - 5%
Monoethanolamine	141-43-5	1 - 5%
Sodium metasilicate	6834-92-0	1 - 5%
Isobutane	75-28-5	3 - 7%

4. FIRST AID MEASURES**Eye contact:**

Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.

Skin contact:

Immediately flush with plenty of water for 15-20 minutes . Get medical attention immediately.

Inhalation:

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

Ingestion:

If swallowed, rinse mouth. 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:

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: Aerosol product - Containers may rocket or explode in heat of fire. Keep product and empty container away from heat and sources of ignition. NFPA 30B Level 1 Aerosol .

Unusual hazards: Corrosive material (See sections 8 and 10).

Specific methods: Aerosol Product - Containers may rocket or expode in heat of fire. Use water spray to keep fire-exposed containers cool.

NFPA

Health: 3

Flammability: 4

Instability: 0

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective equipment

Environmental precautions and clean-up methods:

Remove all sources of ignition. 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. 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. Keep away from open flames, hot surfaces and sources of ignition. CONTENTS UNDER PRESSURE. Do not puncture or incinerate. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:

Store in a cool, dry, well ventilated area away from heat or open flame. Protect from freezing. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 degrees C or 120 degrees F. Do not pierce or burn, even after use. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF THE REACH OF CHILDREN. NFPA 30B Level 1 Aerosol .

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. If major exposure is possible, wear suitable protective clothing and 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

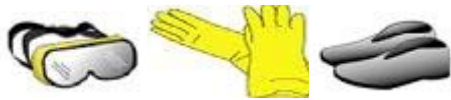
Ingredient(s)	ACGIH	OSHA	Mexico
2-butoxyethanol	20 ppm (TWA)	Skin 50 ppm (TWA) 240 mg/m ³ (TWA)	360 mg/m ³ (STEL) 75 ppm (STEL) 26 ppm (TWA) 120 mg/m ³ (TWA)
Sodium hydroxide	2 mg/m ³ (Ceiling)	2 mg/m ³ (TWA)	2 mg/m ³ (Ceiling)
Monoethanolamine	6 ppm (STEL) 3 ppm (TWA)	3 ppm (TWA) 6 mg/m ³ (TWA)	6 ppm (STEL) 15 mg/m ³ (STEL) 3 ppm (TWA) 8 mg/m ³ (TWA)
Isobutane	1000 ppm (TWA)		

HMIS

Health 3

Fire Hazard 4

Reactivity 0

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

Physical State: Aerosol	Appearance: Aerosol
Color: Clear	Odor: Solvent
pH: 13.0	Dilution pH: No information available.
Specific gravity: 0.99	Density: 8.24 lbs/gal
Bulk density: No information available	Vapor density: No information available
Evaporation Rate: No information available	Viscosity: No information available
Solubility: Soluble	VOC: 15.85% *
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:	<20 (°F) <-7 (°C)
Decomposition temperature:	Not determined
Autoignition temperature:	No information available

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability:	The product is stable
Polymerization:	Hazardous polymerization does not occur
Materials to avoid:	Acids. Metals.
Conditions to avoid:	Keep away from heat. Keep away from open flames, hot surfaces and sources of ignition.
Hazardous decomposition products:	None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION**HAZARDOUS COMPONENTS**

Ingredient(s)	LD50 Oral - Rat	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
2-butoxyethanol	=470 mg/kg	=220 mg/kg	=2.21 mg/L (4 h) =450 ppm (4 h)
Sodium hydroxide	=140 mg/kg	=1350 mg/kg	Not available
Monoethanolamine	=1720 mg/kg	=1 mL/kg	Not available
Sodium metasilicate	=600 mg/kg	Not available	Not available
Isobutane	Not available	Not available	=658 mg/L (4 h)

Acute toxicity: Oral LD50 estimated to be between 2000 - 3000 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

HAZARDOUS COMPONENTS

Ingredient(s)	NTP	IARC	OSHA
2-butoxyethanol 111-76-2		3	

12. ECOLOGICAL INFORMATION**Environmental Information:** No data available**13. DISPOSAL CONSIDERATIONS****Waste from residues / unused products:**

Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Undiluted product is regulated under environmental and transportation laws as an ignitable waste. If possible, recycle empty aerosol cans to the nearest steel recycling center.

RCRA Hazard Class: D001, 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), 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:
2-butoxyethanol	111-76-2	X	X	X	X
Sodium hydroxide	1310-73-2	X	X	X	X
Monoethanolamine	141-43-5	X	X	X	X
Sodium metasilicate	6834-92-0	-	-	-	-
Water	7732-18-5	-	-	-	-
Ethoxylated secondary alcohol	84133-50-6	-	-	-	-
Isobutane	75-28-5	X	X	X	-

CERCLA/ SARA

Ingredient(s)	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
2-butoxyethanol 111-76-2	5 - 10%			X
Sodium hydroxide 1310-73-2	1 - 5%	1000		

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
2-butoxyethanol 111-76-2	X		

SARA 311/312 Hazard Categories

Immediate: X
Delayed: -
Fire: X
Reactivity: -
Sudden Release of Pressure: X

Canada**WHMIS hazard class:** A Compressed gases, E Corrosive material.

Ingredient(s)	CAS #	NPRI
2-butoxyethanol	111-76-2	X
Monoethanolamine	141-43-5	X
Isobutane	75-28-5	X

16. OTHER INFORMATION

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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