

**MATERIAL SAFETY DATA SHEET**

Version Number: 1

Preparation date: 2007-11-12

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** 37 SHOCKWAVE  
**MSDS #:** MS0400125  
**Product Code:** 4323444, 4323520, 4323550, 4323020, 4323110, 4323150, 4523554  
**Recommended use:** Heavy Duty Cleaner and Degreaser . This product is intended to be diluted prior to use.

**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

**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.

**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 ingredients**

Ingredient(s)	CAS #	Weight %
Sodium hydroxide	1310-73-2	3 - 7%
Sodium metasilicate	6834-92-0	0.1 - 1.5%
Diethylene glycol butyl ether	112-34-5	NF
Benzyl alcohol	100-51-6	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:** Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

**5. FIRE-FIGHTING MEASURES**

## 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:** No special methods required

**NFPA**

**Health:** 3

**Flammability:** 0

**Instability:** 0

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment

**Environmental precautions and clean-up methods:** Clean-up methods - large spillage. 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. 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 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

<b>Eye protection:</b>	Chemical-splash goggles.
<b>Hand protection:</b>	Chemical-resistant gloves
<b>Skin and body protection:</b>	Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.
<b>Respiratory protection:</b>	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.
<b>Hygiene measures:</b>	Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	ACGIH	OSHA	Mexico
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

**Color:** Violet

**pH:** 13.5

**Appearance:** Liquid

**Odor:** Glycol Ether

**Dilution pH:** 12.25 (1:32)

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Specific gravity:** 1.10  
**Bulk density:** No information available  
**Evaporation Rate:** No information available  
**Solubility:** completely soluble  
**Solubility in other solvents:** No information available  
**Partition coefficient (n-octanol/water):** No information available  
**Density:** 9.18 lbs/gal  
**Vapor density:** No information available  
**Viscosity:** No information available  
**VOC:** <0.1% \*

<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
<b>Elemental Phosphorus:</b>	0 %P

\* - 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. Oxidising agents.  
**Hazardous decomposition products:** None reasonably foreseeable.

**11. TOXICOLOGICAL INFORMATION****Hazardous ingredients**

<b>Ingredient(s)</b>	<b>LD50 Oral - Rat (mg/kg)</b>	<b>LD50 Dermal - Rabbit</b>	<b>LC50 Inhalation - Rat</b>
Sodium hydroxide	140	1350 mg/kg	Not available
Sodium metasilicate	1152	Not available	Not available
Diethylene glycol butyl ether	4500	=2700 mg/kg	Not available
Benzyl alcohol	1230	2000 mg/kg	8.8 mg/L (4 h)

**Acute toxicity:** Corrosive 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:** No data available

**13. DISPOSAL CONSIDERATIONS**

**Waste from residues / unused products:**  
 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), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), Philippines (PICCS), New Zealand (NZIoC), China (IECSC).

### U.S. Regulations

**California Proposition 65:** This product is not subject to the reporting requirements under California's Proposition 65

### Ingredient(s)

Sodium metasilicate - 6834-92-0

### STATE RIGHT TO KNOW

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Sodium hydroxide	1310-73-2	X	X	X	X
Water	7732-18-5	-	-	-	-
Sodium metasilicate	6834-92-0	-	-	-	-
Sodium xylene sulfonate	1300-72-7	-	-	-	-
Diethylene glycol butyl ether	112-34-5	-	X	X	-
Benzyl alcohol	100-51-6	X	X	X	-
Alcohol ethoxylates	34398-01-1	-	-	-	-

### CERCLA/ SARA

Ingredient(s)	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Sodium hydroxide 1310-73-2	3 - 7%	1000		
Diethylene glycol butyl ether 112-34-5	NF			X

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

### SARA 311/312 Hazard Categories

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

### 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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