



## MATERIAL SAFETY DATA SHEET

Version Number: 1

Preparation date: 2006-06-22

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** SPEEDBALL Lemon Ready-to-Use Spray Cleaner  
**MSDS #:** MS0400046  
**Product code:** 4213320, 4213110, 4213550  
**Recommended use:** Industrial/Institutional. Cleaning product.

**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**

- CAUTION
- CAUSES EYE IRRITATION
- MAY BE MILDLY IRRITATING TO SKIN

**Principle routes of exposure:** Eye contact. Skin contact. Inhalation.  
**Eye contact:** Moderately irritating to the eyes.  
**Skin contact:** May be mildly irritating to skin.  
**Inhalation:** None known.  
**Ingestion:** May cause irritation to mouth, throat and stomach .

**3. COMPOSITION/INFORMATION ON INGREDIENTS****HAZARDOUS COMPONENTS**

Ingredient(s)	CAS #	Weight %
Monoethanolamine	141-43-5	1 - 5%
2-butoxyethanol	111-76-2	3 - 7%

**4. FIRST AID MEASURES**

**Eye contact:** Flush immediately with plenty of water. If irritation persists, get medical attention.  
**Skin contact:** Flush immediately with plenty of water. If irritation develops get medical attention.  
**Inhalation:** No specific first aid measures are required.  
**Ingestion:** If swallowed, give a cupful of water or milk.  
**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:**  
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:** None known

**Specific methods:** No special methods required

**NFPA**

**Health: 2**

**Flammability: 0**

**Instability: 0**

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Not applicable.

**Environmental precautions and clean-up methods:** No information available

**7. HANDLING AND STORAGE**

**Handling:** Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. 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:**

No special ventilation requirements. General room ventilation is adequate.

**Personal Protective Equipment**

**Eye protection:** No special requirements under normal use conditions.  
**Hand protection:** No special requirements under normal use conditions  
**Skin and body protection:** No special requirements under normal use conditions.  
**Respiratory protection:** No special requirements under normal use conditions.  
**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)
2-butoxyethanol	20 ppm (TWA)	Skin 240 mg/m <sup>3</sup> (TWA) 50 ppm (TWA)	75 ppm (STEL) 360 mg/m <sup>3</sup> (STEL) 120 mg/m <sup>3</sup> (TWA) 26 ppm (TWA)

**HMS**

**Health 2**

**Fire Hazard 0**

**Reactivity 0**

**Personal protective equipment**

None / Aucune / Ninguno

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Liquid

**Color:** Green

**pH:** 11.9 to 12.7

**Specific gravity:** 1.004

**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:** Liquid

**Odor:** Lemon

**Dilution pH:** No information available.

**Density:** 8.38 lbs/gal

**Vapor density:** No information available

**Viscosity:** No information available

**VOC:** 8.08% \*

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Boiling point/range:</b>	Not determined
<b>Melting point/range:</b>	Not determined
<b>Flash point:</b>	>200 (°F) >93.33 (°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**

<b>Stability:</b>	The product is stable
<b>Polymerization:</b>	Hazardous polymerization does not occur
<b>Hazardous decomposition products:</b>	None reasonably foreseeable.

**11. TOXICOLOGICAL INFORMATION****HAZARDOUS COMPONENTS**

<b>Ingredient(s)</b>	<b>LD50 Oral - Rat</b>	<b>LD50 Dermal - Rabbit</b>	<b>LC50 Inhalation - Rat</b>
Monoethanolamine	= 1720 mg/kg	= 1 mL/kg	Not available
2-butoxyethanol	= 470 mg/kg	= 220 mg/kg	= 2.21 mg/L (4h) = 450 ppm (4h)

<b>Acute toxicity</b>	Oral LD50 estimated to be greater than 5000 mg/kg
<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:**  
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), Europe (EINECS/ELINCS/NLP), Australia (AICS).

**U.S. Regulations**

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

**STATE RIGHT TO KNOW**

<b>Ingredient(s)</b>	<b>CAS #</b>	<b>MARTK:</b>	<b>NJRTK:</b>	<b>PARTK:</b>	<b>RIRTK:</b>
Monoethanolamine	141-43-5	X	X	X	X
Water	7732-18-5	-	-	-	-
Alkylphenoxy polyethoxyethanol	26027-38-3	-	-	-	-

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
2-butoxyethanol	111-76-2	X	X	X	X

## CERCLA/ SARA

Ingredient(s)	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
2-butoxyethanol 111-76-2	3 - 7%			X

**Immediate:** Y  
**Delayed:** N  
**Fire:** N  
**Reactivity:** N

Canada

WHMIS hazard class: D2B Toxic materials .



Ingredient(s)	CAS #	NPRI
Alkylphenoxy polyethoxyethanol	26027-38-3	X
2-butoxyethanol	111-76-2	X

**16. OTHER INFORMATION**

**Reason for revision:** Not applicable

**Prepared by:** NAPRAC

**Additional advice:** None

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