

## MATERIAL SAFETY DATA SHEET

Version Number: 2

Preparation date: 2007-05-15

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** SPEEDBALL #1 Heavy-Duty Spray Cleaner Concentrate  
**MSDS #:** MS0400048  
**Product code:** 4044150, 4044020, 4044444  
**Recommended use:** Industrial/Institutional. Cleaning product. 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  
 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

**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 %
Monoethanolamine	141-43-5	10 - 25%
2-butoxyethanol	111-76-2	25 - 40%
Diethyl phthalate	84-66-2	0.1 - 1.5%

### 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:** 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:**

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:** 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 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. 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
Monoethanolamine	6 ppm (STEL) 3 ppm (TWA)	3 ppm (TWA) 6 mg/m <sup>3</sup> (TWA)	6 ppm (STEL) 15 mg/m <sup>3</sup> (STEL) 3 ppm (TWA) 8 mg/m <sup>3</sup> (TWA)
2-butoxyethanol	20 ppm (TWA)	Skin 50 ppm (TWA) 240 mg/m <sup>3</sup> (TWA)	360 mg/m <sup>3</sup> (STEL) 75 ppm (STEL) 26 ppm (TWA) 120 mg/m <sup>3</sup> (TWA)
Diethyl phthalate	5 mg/m <sup>3</sup> (TWA)		10 mg/m <sup>3</sup> (STEL) 5 mg/m <sup>3</sup> (TWA)

**HMIS****Health** 3**Fire Hazard** 0**Reactivity** 0**Personal protective equipment**



## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Color:** Purple

**pH:** 13.35

**Specific gravity:** 1.017

**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:** Fresh

**Dilution pH:** No information available.

**Density:** 8.49 lbs/gal

**Vapor density:** No information available

**Viscosity:** No information available

**VOC:** 48.2446% \*

<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

**Stability:** The product is stable

**Polymerization:** Hazardous polymerization does not occur

**Hazardous decomposition products:** None reasonably foreseeable.

## 11. TOXICOLOGICAL INFORMATION

### HAZARDOUS COMPONENTS

Ingredient(s)	LD50 Oral - Rat	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Monoethanolamine	=1720 mg/kg	=1 mL/kg	Not available
2-butoxyethanol	=470 mg/kg	=220 mg/kg	=2.21 mg/L (4 h) =450 ppm (4 h)
Diethyl phthalate	=8600 mg/kg	Not available	Not available

**Acute toxicity:** Oral LD50 estimated to be between 2000 - 3000 mg/kg 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:** No data available

## 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).

**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	X
Tetrasodium salt of EDTA	64-02-8	-	-	-	-
Alkylphenoxy polyethoxyethanol	26027-38-3	-	-	-	-
Sodium xylene sulfonate	1300-72-7	-	-	-	-
2-butoxyethanol	111-76-2	X	X	X	X
Diethyl phthalate	84-66-2	X	X	X	X

**CERCLA/ SARA**

Ingredient(s)	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	25 - 40%			X
Diethyl phthalate 84-66-2	0.1 - 1.5%	1000		

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Diethyl phthalate 84-66-2			X

**SARA 311/312 Hazard Categories**

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

**Canada**

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



Ingredient(s)	CAS #	NPRI
Monoethanolamine	141-43-5	X
Alkylphenoxy polyethoxyethanol	26027-38-3	X
2-butoxyethanol	111-76-2	X
Diethyl phthalate	84-66-2	X

**16. OTHER INFORMATION**

**Reason for revision:** Not applicable

**Prepared by:** NAPRAC

**Additional advice:** None

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