

# MATERIAL SAFETY DATA SHEET

Version Number: 1

Preparation date: 2005-04-28

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** IRON STONE  
**MSDS #:** 169400025002  
**Product code:** 4006110, 4006520, 4006550  
**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

**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
- MAY BE MILDLY IRRITATING TO EYES
- MAY BE MILDLY IRRITATING TO SKIN

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**Principle routes of exposure:** Eye contact. Skin contact. Inhalation.  
**Eye contact:** May be mildly irritating to eyes.  
**Skin contact:** May be mildly irritating to skin.  
**Inhalation:** None known.  
**Ingestion:** None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**HAZARDOUS COMPONENTS**

Ingredient(s)	CAS #	Weight %
Diethylene glycol monoethyl ether	111-90-0	1 - 5%
Dipropylene glycol methyl ether	34590-94-8	1 - 5%

## 4. FIRST AID MEASURES

**Eye contact:** Flush immediately with plenty of water. Get medical attention if irritation occurs.  
**Skin contact:** Flush immediately with plenty of water. Get medical attention if irritation occurs.  
**Inhalation:** No specific first aid measures are required.  
**Ingestion:** No specific first aid measures are required.  
**Aggravated Medical Conditions:** Persons with pre-existing skin disorders may be more susceptible to irritating effects

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**  
Not applicable

**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:** 1

**Flammability:** 0

**Instability:** 0

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Use personal protective equipment

**Environmental precautions and clean-up methods:** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

**7. HANDLING AND STORAGE**

**Handling:** Avoid contact with skin and eyes. FOR COMMERCIAL AND INDUSTRIAL USE ONLY. 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
Dipropylene glycol methyl ether	150 ppm (STEL) 100 ppm (TWA)		900 mg/m <sup>3</sup> (STEL) 150 ppm (STEL) 100 ppm (TWA) 60 mg/m <sup>3</sup> (TWA)

**HMIS**

**Health** 1

**Fire Hazard** 0

**Reactivity** 0

**Personal protective equipment**

None / Aucune / Ninguno

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Liquid

**Color:** White

**pH:** 8.3

**Specific gravity:** 1.02

**Bulk density:** 8.48 lb/gal

**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:** Ammoniacal

**Dilution pH:** No information available.

**Density:** 8.51

**Vapor density:** No information available

**Viscosity:** No information available

**VOC:** 3

<b>Boiling point/range:</b>	>200 (°F) >100 (°C)
<b>Melting point/range:</b>	Not determined

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Flash point:</b>	>200 (°F) >100 (°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>Hazardous decomposition products:</b>	Oxides of carbon .

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

<b>Ingredient(s)</b>	<b>LD50 Oral - Rat</b>	<b>LD50 Dermal - Rabbit</b>	<b>LC50 Inhalation - Rat</b>
Diethylene glycol monoethyl ether	= 1920 mg/kg	= 4200 µL/kg	5.24 g/m <sup>3</sup>
Dipropylene glycol methyl ether	= 5230 mg/kg	= 9500 mg/kg	Not available

<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**

<b>Waste from residues / unused products:</b>	Dispose of according to all federal, state and local applicable regulations
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**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**

<b>Ingredient(s)</b>	<b>CAS #</b>	<b>MARTK:</b>	<b>NJRTK:</b>	<b>PARTK:</b>	<b>RIRTK:</b>
Modified styrene acrylic polymers	64461-17-2	-	-	-	-
Water	7732-18-5	-	-	-	-
Diethylene glycol monoethyl ether	111-90-0	-	-	-	-
Styrene acrylic polymers	TS*	-	-	-	-
Tributoxyethyl phosphate	78-51-3	-	-	-	-
Dipropylene glycol methyl ether	34590-94-8	X	X	X	X
Ethylene copolymer	67892-91-5	-	-	-	-

**CERCLA/ SARA**

<b>Ingredient(s)</b>	<b>Weight %</b>	<b>CERCLA/SARA RQ (lbs)</b>	<b>Section 302 TPQ (lbs)</b>	<b>Section 313</b>
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Diethylene glycol monoethyl ether 111-90-0	1 - 5%			X
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Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Diethylene glycol monoethyl ether 111-90-0	X		

Canada

**WHMIS hazard class:** Non-controlled.

## 16. OTHER INFORMATION

**Reason for revision:** Not applicable

**Prepared by:** NAPRAC

**Additional advice:** None

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