

# 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

**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)<br>100 ppm (TWA) |      | 900 mg/m <sup>3</sup> (STEL)<br>150 ppm (STEL)<br>100 ppm (TWA)<br>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**

| Ingredient(s)                     | LD50 Oral - Rat | LD50 Dermal - Rabbit | LC50 Inhalation - Rat |
|-----------------------------------|-----------------|----------------------|-----------------------|
| 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 |
|-----------------------------------|-------------------|

**13. DISPOSAL CONSIDERATIONS**

|   |   |
|---|---|
| <b>Waste from residues / unused products:</b> | 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: |
|-----------------------------------|------------|--------|--------|--------|--------|
| 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**

| Ingredient(s) | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|---------------|----------|----------------------|-----------------------|-------------|
|---------------|----------|----------------------|-----------------------|-------------|

|   |        |  |  |   |
|---|--------|--|--|---|
| Diethylene glycol monoethyl ether<br>111-90-0 | 1 - 5% |  |  | X |
|---|--------|--|--|---|

| Ingredient(s)                                 | CAA HAP | CAA ODS | CWA Priority Pollutants |
|---|---------|---------|-------------------------|
| Diethylene glycol monoethyl ether<br>111-90-0 | X       |         |                         |

Canada

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

## 16. OTHER INFORMATION

**Reason for revision:** Not applicable

**Prepared by:** NAPRAC

**Additional advice:** None

*Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.*