

## MATERIAL SAFETY DATA SHEET

Version Number: 1

Preparation date: 2005-06-06

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** MAINSTAY Floor Finish  
**Product code:** 4014110, 4014520, 4014550, 2922834  
**MSDS #:** F-00229002  
**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

Canadian Headquarters  
JohnsonDiversey - Canada, Inc.  
2401 Bristol Circle  
Oakville, Ontario L6H 6P1  
Phone: 1-800-668-3131

**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**

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

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

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

Ingredient	CAS #	Weight %
Diethylene glycol ethyl 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:**  
The product is not flammable. Dry chemical, water spray, foam, carbon dioxide.

**Extinguishing media which must not be used for safety reasons:**  
None.

**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:** None known.

**Unusual hazards:** None known.

**Specific methods:** No special methods required.

**NFPA**

**Health: 1**

**Flammability: 0**

**Instability: 0**

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Not applicable.

**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 and eyes. 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	ACGIH	OSHA	Mexico
Dipropylene glycol methyl ether 34590-94-8	150 ppm (STEL) 100 ppm (TWA)	600 mg/m <sup>3</sup> 100 ppm Can be absorbed through the skin.	900 mg/m <sup>3</sup> (STEL) 600 mg/m <sup>3</sup> (TWA)

**HMS**

**Health 1**

**Fire Hazard 0**

**Reactivity 0**

**Personal protective equipment**

**None Required**

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Liquid

**Color:** Opaque White

**pH:** 8.8

**Specific gravity:** 1.02

**Bulk density:** No information available

**Evaporation rate:** No information available

**Solubility:** Dispersible

**Solubility in other solvents:** No information available

**Partition coefficient (n-octanol/water):** No information available

**Appearance:** Emulsion

**Odor:** Mild Ammoniacal

**Dilution pH:** No information available

**Density:** 8.54

**Vapor density:** No information available

**Viscosity:** No information available

**VOC:** 2.2

<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

**10. STABILITY AND REACTIVITY**

**Stability:** The product is stable

**Polymerization:** Hazardous polymerisation does not occur

**Conditions to avoid:** Do not freeze.

**Hazardous decomposition products:** None reasonably foreseeable

**11. TOXICOLOGICAL INFORMATION****Component Information:****HAZARDOUS COMPONENTS**

Ingredient	LD50 Oral	LD50 Dermal	LC50 Inhalation
Diethylene glycol ethyl ether	5.5 ml/kg (rat)	4.2 mL/kg (rabbit)	5.24 g/m <sup>3</sup> (rat)
Dipropylene glycol methyl ether	5.4 ml/kg (rat)	10 mL/kg (rabbit)	Not available

**Acute toxicity** 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

**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	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRRTK:
Water	7732-18-5	-	-	-	-	-	-
Diethylene glycol ethyl ether	111-90-0	-	Listed	Listed	-	-	-
Zinc ammonium carbonate	40861-29-8	-	Listed	-	-	Listed	Listed
Tributoxyethyl phosphate	78-51-3	-	Listed	Listed	-	-	-
Dipropylene glycol methyl ether	34590-94-8	Listed	Listed	Listed	Listed	Listed	-
Ethylene copolymer	67892-91-5	-	-	-	-	-	-
Acrylic Polymers		-	-	-	-	-	-
Acrylic Polymers		-	-	-	-	-	-

**CERCLA / SARA**

Ingredient	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Diethylene glycol ethyl ether 111-90-0	1 - 5%			Listed.
Zinc ammonium carbonate 40861-29-8	0.1 - 1.5%			Listed.

Tributoxyethyl phosphate 78-51-3	0.1 - 1.5%			Listed.
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**CAA HAP/CAA ODS/CWA Priority Pollutants: None**

Ingredient	CAA HAP	CAA ODS	CWA Priority Pollutants
Zinc ammonium carbonate 40861-29-8			Listed.

**SARA 311/312 Hazard Categories**

**Immediate:** N  
**Delayed:** N  
**Fire:** N  
**Reactivity:** N  
**Sudden Release of Pressure:** N

**Canada**

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

Ingredient	CAS #	NPRI
Zinc ammonium carbonate	40861-29-8	Listed

**16. OTHER INFORMATION**

**Reason for revision:** Not applicable

**Prepared by:** NAPRAC

**Additional advice:** None

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