1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: MAINSTAY Floor Finish

MANUFACTURER
The Butcher Company
67 Forest Street
Marlborough, MA 01752-3012

Butcher Telephone Number: 800-225-9475
Emergency Telephone (24 hours): 800-228-5635
CHEMTREC (U.S./Can.): 800-424-9300
CHEMTREC (Int’l): +1 703-527-3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT(S)</th>
<th>CAS NO.</th>
<th>% BY WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol monomethyl ether</td>
<td>34590-94-8</td>
<td>3 – 5</td>
</tr>
<tr>
<td>NJ Trade Secret Registry #11173400-5073P</td>
<td>NA</td>
<td>1 – 1.5</td>
</tr>
<tr>
<td>Ammonia</td>
<td>7664-41-7</td>
<td>&lt;0.1</td>
</tr>
</tbody>
</table>

See Section 8 for Exposure Limits NA - Not Applicable

OSHA REGULATORY STATUS: This product is classified as hazardous under OSHA regulations.
WHMIS CLASS: Not controlled.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

POTENTIAL HEALTH EFFECTS (See Section 11 for Toxicological Information)
PRIMARY ROUTE(s) OF EXPOSURE: 

<table>
<thead>
<tr>
<th>EFFECTS OF ACUTE EXPOSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>EYES:</td>
</tr>
<tr>
<td>Non-irritating to the eyes, but may cause temporary redness or discomfort.</td>
</tr>
</tbody>
</table>

| SKIN: |
| Non-irritating to the skin. |

| INHALATION: |
| High concentrations of vapor or mist may cause nose, throat and respiratory tract irritation. Symptoms may include coughing. |
INGESTION:
May cause mild mouth, throat and stomach irritation. Symptoms may include nausea.

EFFECTS OF CHRONIC EXPOSURE:
Prolonged or repeated contact may cause skin irritation.

MEDICAL CONDITIONS AGGRAVATED:
None known.

### 4. FIRST AID MEASURES

**EYES:**
Flush eyes with plenty of water while holding eyelids apart. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Do not put any medication in the victim's eyes unless instructed by a physician. Get medical attention if irritation develops.

**SKIN:**
Flush with water, then wash with soap and water. Remove saturated clothing. Get medical attention if irritation develops.

**INHALATION:**
Remove to fresh air. Get medical attention if symptoms persist.

**INGESTION:**
Do not induce vomiting. Drink large quantities of water. Get medical attention.

### 5. FIRE FIGHTING MEASURES

**FLASH POINT AND METHOD:** $>200^\circ F \ 93^\circ C$ TCC

**FLAMMABLE LIMITS:**
Not applicable.

**AUTOIGNITION TEMPERATURE:** Not applicable.

**EXTINGUISHING MEDIA:**
Use extinguishing media appropriate for surrounding fire.

**HAZARDOUS COMBUSTION PRODUCTS:**
Normal products of combustion (carbon monoxide and carbon dioxide).

**FIRE AND EXPLOSION HAZARDS:**
None known.

**FIRE FIGHTING INSTRUCTIONS:**
This product is not flammable. As in any fire, MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear should be worn.
6. ACCIDENTAL RELEASE MEASURES

Floors may be slippery. Use care to avoid falling. Contain spill. Use mop, absorbent, or wet vacuum to collect material for proper disposal. Rinse area with water.

7. HANDLING AND STORAGE

HANDLING:
Follow label use directions. Do not mix with other chemicals unless instructed by label directions. Avoid contact with eyes and skin. Use with adequate ventilation. Avoid breathing vapor or mist. Wash thoroughly after handling. Remove contaminated clothing. Wash clothing and equipment before reuse.

STORAGE:
Keep container closed when not in use. Keep from freezing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE:
Not required under normal conditions of use.

SKIN:
Where prolonged or repeated contact is possible, chemical-resistant clothing (e.g., gloves) is recommended.

RESPIRATORY:
No respiratory protection is required if ventilation is adequate.

ENGINEERING CONTROLS:
Good general room ventilation is expected to be adequate. Local exhaust ventilation (e.g., fans) may be necessary when general ventilation does not keep airborne concentrations below exposure limits.

EXPOSURE LIMITS:

<table>
<thead>
<tr>
<th>INGREDIENT(S)</th>
<th>OSHA PEL/STEL</th>
<th>ACGIH TLV/STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol monomethyl ether</td>
<td>100 ppm (600 mg/m3)/150 ppm (Skin)</td>
<td>100 ppm (606 mg/m3)/150 ppm (Skin)</td>
</tr>
<tr>
<td>NJ Trade Secret Registry #11173400-5073P</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Ammonia</td>
<td>50 ppm (35 mg/m3)/35 ppm (27 mg/m3)</td>
<td>25 ppm (17 mg/m3)/35 ppm (24 mg/m3)</td>
</tr>
</tbody>
</table>

NA - Not Available
9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Mild, Ammonia
APPEARANCE: Slightly Opaque, White
pH: 8.5 to 8.9
PERCENT VOLATILE BY WEIGHT: 84
VAPOR PRESSURE: Not Available
VAPOR DENSITY: Not Available
BOILING POINT: Not Available
FREEZING/MELTING POINT: Not Available
SOLUBILITY IN WATER: Dispersible
EVAPORATION RATE: Not Available
SPECIFIC GRAVITY: 1.03
VISCOSITY: Water Thin
OCTANOL/WATER PARTITION COEFFICIENT: Not Available
ODOR THRESHOLD: Not Available

10. STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID):
Stable.

POLYMERIZATION:
Will not occur.

HAZARDOUS DECOMPOSITION:
None.

INCOMPATIBLE MATERIALS:
None known.

11. TOXICOLOGICAL INFORMATION

ACUTE DATA:
This product was found to be non-irritating to eyes; a similar product was non-irritating to skin. The following data are available for product ingredients.

<table>
<thead>
<tr>
<th>PRODUCT/INGREDIENT</th>
<th>ORAL LD&lt;sub&gt;50&lt;/sub&gt; (rat)</th>
<th>DERMAL LD&lt;sub&gt;50&lt;/sub&gt; (rabbit)</th>
<th>INHALATION LC&lt;sub&gt;50&lt;/sub&gt; (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol monomethyl ether</td>
<td>5135 mg/kg</td>
<td>9500 mg/kg</td>
<td>Not Available</td>
</tr>
<tr>
<td>NJ Trade Secret Registry #11173400-5073P</td>
<td>20000 mg/kg</td>
<td>20800 mg/kg</td>
<td>Not Available</td>
</tr>
<tr>
<td>Ammonia</td>
<td>350 mg/kg</td>
<td>Not Available</td>
<td>3670 ppm (4-hr)</td>
</tr>
</tbody>
</table>

SENSITIZATION DATA:
No data available.
CHRONIC DATA:
Prolonged overexposure to dipropylene glycol monomethyl ether by inhalation has caused minor liver effects in laboratory animals; overexposure by dermal absorption has also caused minor kidney effects in laboratory animals. Prolonged overexposure to NJ Trade Secret Registry # 11173400-5073P by ingestion has caused minor liver effects in laboratory animals.

REPRODUCTIVE/TERATOGENIC DATA:
No data available.

CARCINOGENIC/MUTAGENIC DATA:
Not listed as carcinogenic by NTP, IARC, or ACGIH or regulated as a carcinogen by OSHA.

SYNERGISTIC MATERIALS:
No data available.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Disposal of this material should be in accordance with local, state or provincial and federal regulations. The unused product, as manufactured, is a RCRA non-hazardous waste in accordance with 40 CFR 261. The product has not been evaluated by the Toxicity Characteristic Leachate Procedure (TCLP). According to RCRA, it is the responsibility of the waste generator to ensure proper disposal.

14. TRANSPORT INFORMATION

DOT/TDG HAZARDOUS MATERIAL DESCRIPTION: Not regulated

15. REGULATORY INFORMATION

Not meant to be all-inclusive—selected regulations represented.

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
311/312 HAZARD CATEGORIES: Under 40 CFR 370.2, this product meets the following hazard category: Delayed.
313 REPORTABLE INGREDIENTS: Ingredients in this product are not currently subject to notification.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)
CERCLA REGULATORY: Not reportable under CERCLA.

TSCA (TOXIC SUBSTANCE CONTROL ACT)
TSCA STATUS: This product complies with all TSCA inventory requirements.
MASSACHUSETTS, NEW JERSEY, PENNSYLVANIA RIGHT-TO-KNOW:

<table>
<thead>
<tr>
<th>INGREDIENT(S)</th>
<th>CAS NO.</th>
<th>STATE LISTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Acrylic polymer</td>
<td>NA</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Dipropylene glycol monomethyl ether</td>
<td>34590-94-8</td>
<td>MA, NJ, PA</td>
</tr>
<tr>
<td>Ethylene copolymer (NJ Trade Secret Registry #11173400-5052P)</td>
<td>NA</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Alkali soluble resin</td>
<td>NA</td>
<td>Not Listed</td>
</tr>
<tr>
<td>NJ Trade Secret Registry #11173400-5073P</td>
<td>NA</td>
<td>PA</td>
</tr>
</tbody>
</table>

NA - Not Applicable

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):
Not controlled by WHMIS. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

HMIS RATING

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>REACTIVITY</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>* 0</td>
<td>0</td>
<td>0</td>
<td>-</td>
</tr>
</tbody>
</table>

NFPA RATING

FIRE

HEALTH

0

0

0

REACTIVITY

SPECIAL

MSDS STATUS

New MSDS

APPROVED BY: EH&S/Regulatory Affairs
APPROVAL DATE: 06/28/2000

The information on this data sheet represents our current data and best opinion as to the proper use in handling of the product under normal foreseeable conditions. Any use of this product which is not in conformance with this data sheet or product label, or which involves using the product in combination with any other product or any other process is the responsibility of the user.