1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: PEARLY Clinging Heavy Duty Washroom Spray Cleaner

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>Citric acid</td>
<td>77-92-9</td>
<td>5 – 7</td>
</tr>
<tr>
<td>Isopropylamine dodecylbenzenesulfonate</td>
<td>26264-05-1</td>
<td>1 – 3</td>
</tr>
<tr>
<td>Dipropylene glycol monomethyl ether</td>
<td>34590-94-8</td>
<td>1 – 1.5</td>
</tr>
<tr>
<td>Alkoxylated fatty alcohol</td>
<td>69227-21-0</td>
<td>1 – 1.5</td>
</tr>
</tbody>
</table>

See Section 8 for Exposure Limits

OSHA REGULATORY STATUS: This product is classified as hazardous under OSHA regulations.
WHMIS CLASS: Class D- Division 2B

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

POTENTIAL HEALTH EFFECTS (See Section 11 for Toxicological Information)
PRIMARY ROUTE(s) OF EXPOSURE: Eye X  Skin Contact X  Skin Absorption
                                   X  Inhalation  X  Ingestion

EFFECTS OF ACUTE EXPOSURE

EYES:
May cause mild eye irritation. Symptoms may include redness and tearing.

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:
May aggravate pre-existing eye, skin and respiratory conditions.

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. If not breathing, give respiration; if breathing is difficult, give oxygen (by trained personnel only). Get medical attention if symptoms persist.

INGESTION:
Do not induce vomiting. Drink large quantities of water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: >200°F 93°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) and nitrogen oxides.

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

See Section 8, Exposure Controls/Personal Protection and Section 3, Hazard Identification. Floors may be slippery. Use care to avoid falling. Contain and isolate spill. Keep non-essential personnel from entering spill area. 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. Avoid breathing vapor or mist. Wash thoroughly after handling. Remove saturated clothing. Wash clothing and equipment before reuse.

STORAGE:
Keep container closed when not in use. Store away from incompatible materials. (See Section 10, Stability and Reactivity).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE:
Where eye contact is possible, wear safety glasses with side shields or chemical splash goggles (ANSI Z87.1 approved).

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.
EXPOSURE LIMITS:

<table>
<thead>
<tr>
<th>INGREDIENT(S)</th>
<th>OSHA PEL/STEL</th>
<th>ACGIH TLV/STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citric acid</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Isopropylamine dodecylbenzenesulfonate</td>
<td>NA</td>
<td>NA</td>
</tr>
<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>Alkoxylated fatty alcohol</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

NA - Not Available

9. PHYSICAL AND CHEMICAL PROPERTIES

- PHYSICAL STATE: Liquid
- ODOR: Apple
- APPEARANCE: Opaque, Pink
- pH: 2.5 to 3.5
- PERCENT VOLATILE BY WEIGHT: 91
- VAPOR PRESSURE: Not Available
- VAPOR DENSITY: Not Available
- BOILING POINT: Not Available
- FREEZING/MELTING POINT: Not Available
- SOLUBILITY IN WATER: Complete
- EVAPORATION RATE: Not Available
- SPECIFIC GRAVITY: 1.03
- VISCOSITY: 290 to 360cps at 25°C
- 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 known.

- INCOMPATIBLE MATERIALS:
  - Oxidizers (e.g., bleach) and strong bases (e.g., sodium hydroxide).

11. TOXICOLOGICAL INFORMATION

- ACUTE DATA:
  - This product was found to be non-irritating to eyes and skin. The following data are available for product ingredients.
PEARLY Clinging Heavy Duty Washroom
Spray Cleaner

<table>
<thead>
<tr>
<th>PRODUCT/INGREDIENT</th>
<th>ORAL LD$_{50}$ (rat)</th>
<th>DERMAL LD$_{50}$ (rabbit)</th>
<th>INHALATION LC$_{50}$ (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citric acid</td>
<td>3000–11700 mg/kg</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Isopropylamine dodecylbenzenesulfonate</td>
<td>760 mg/kg</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Dipropylene glycol monomethyl ether</td>
<td>5135 mg/kg</td>
<td>9500 mg/kg</td>
<td>Not Available</td>
</tr>
<tr>
<td>Alkoxylated fatty alcohol</td>
<td>2300 mg/kg</td>
<td>Not Available</td>
<td>Not Available</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.

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

This product is made with all biodegradable detergents. No other 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.
PEARL Clinging Heavy Duty Washroom
Spray Cleaner

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 categories:
Immediate, Delayed.
313 REPORTABLE INGREDIENTS: Ingredients in this product are not currently subject to notification.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)
CERCLA REGULATORY: None of the ingredients in this product are reportable under CERCLA.

TSCA (TOXIC SUBSTANCE CONTROL ACT)
TSCA STATUS: This product complies with all TSCA inventory requirements.

USDA (U.S. DEPARTMENT OF AGRICULTURE):
This product is authorized for use in federally inspected meat and poultry plants.

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>Citric acid</td>
<td>77-92-9</td>
<td>Not Listed</td>
</tr>
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<td>Isopropylamine dodecylbenzenesulfonate</td>
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<td>Dipropylene glycol monomethyl ether</td>
<td>34590-94-8</td>
<td>MA, NJ, PA</td>
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</table>

NA - Not Applicable

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):
Class D-Division 2B, eye irritant. 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>-</td>
<td>1</td>
<td>0</td>
<td>-</td>
</tr>
</tbody>
</table>

NFPA RATING

FIRE

HEALTH 1 0 REACTIVITY

SPECIAL
This MSDS replaces the November 25, 1997 MSDS. Any changes in information are as follows:

In Section 9
- (Group Field) for Vapor Pressure (Group Field) for Vapor Pressure Density Odor Threshold (Group Field) for Boiling Point (Group Field) for Freezing Point (Group Field) for Evaporation Rate (Group Field) for Viscosity Viscosity (From) Viscosity (To) Viscosity (Unit) Viscosity °C Coeff Oil/Water

In Section 10
- Hazardous Decomposition Products

In Section 11
- Subchronic

In Section 15
- OSHA Hazard Comm. Rule WHMIS Class

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.