TANK CLEANER
MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION
PRODUCT NAME: Cleary's Tank Cleaner
W.A. CLEARY PRODUCT CODE: 4720 (1 quart)
E.P.A. REG. NO.: Not regulated
CHEMICAL NAME: None
SYNONYMS: None

INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENTS [CAS #]</th>
<th>PERCENT</th>
<th>EXPOSURE LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide (1310-58-3)</td>
<td></td>
<td>2 mg/m³ ACGIH/TLV</td>
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<tr>
<td>Propylene glycol (57-55-6)</td>
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<tr>
<td>Alkylaryl polyoxyethylene (9016-45-9)</td>
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<tr>
<td>Inert Ingredients</td>
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</tbody>
</table>

PHYSICAL DATA

| Bolling Point: | 212-215 F (100-102 C) | % Volatile: | 97 |
| Melting Point: | N/A                   | Evaporation Rate: | N/A |
| Freezing Point: | 31 F (-1 C)           | Solubility in Water: | 100% |
| Specific Gravity (25 C): | 1.004 | Appearance and Odor: | Clear liquid, odorless |
| Vapor Pressure (@ 20 C): | 17 mm Hg |

FIRE & EXPLOSION DATA

Flash Point (Method): Not flammable
Flammable Limits (vol % in air): LEL N/A, UEL N/A
Autoignition Temperature: N/A
Extinguishing Media: N/A
Special Firefighting Procedures: N/A
Unusual Fire and Explosion Hazards: N/A

REACTIVITY HAZARD DATA

Stability: Stable at normal conditions.
Conditions to Avoid: N/A
Incompatibility: Oxidizing agents, strong acids.
Hazardous Polymerization: None
Hazardous Decomposition Products: None

HEALTH HAZARD DATA

Inhalation: May cause irritation to mucous membranes.
Eye Contact: May cause mild to severe irritation.
Skin Contact: Corrosive to skin
Chronic Effects of Overexposure: Ingestion causes violent pain in throat and epigastrium, hematemesis collapse can occur. Corrosive to skin, eyes and mucous membranes. Can cause deep lesions.
Other Toxic Effects: N/A
TOXICITY DATA:
ORAL (acute): \( \text{LD}^{50} > 5000 \text{ mg/kg} \)
DERMAL (acute): \( \text{LD}^{50} > 5000 \text{ mg/kg} \)
INHALATION (acute): N/E
CHRONIC: N/E
SUBCHRONIC: N/E

EMERGENCY AND FIRST AID PROCEDURES
Ingestion: Do not induce vomiting. Seek immediate medical attention.
Skin Contact: Wash immediately with mild soap and water.
Eye Contact: Flush immediately with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.
Inhalation: Remove patient to fresh air. If irritation persists, seek medical attention.

SPECIAL PROTECTION INFORMATION
Protective Clothing: Rubber equivalent gloves.
Eye Protection: Chemical goggles or safety glasses with side shields.
Ventilation: For use outdoors.
Respiratory Protection: Not normally required.
Other: Long sleeve shirt.

SPILL OR LEAK PROCEDURES
Steps to be Taken in Case Material is Released or Spilled: Absorb onto vermiculite, clay or "Kitty Litter" and sweep up.
Waste Disposal Methods: If product cannot be used according to label instructions, dispose of in compliance with all Federal, state and local laws.

SPECIAL PRECAUTIONS
Precautions to be Taken in Handling and Storing: Store in original, sealed container, not exposed to the atmosphere, in cool, dry area, away from food, seed or feedstuffs. Keep away from children and unauthorized persons.

ADDITIONAL REGULATORY INFORMATION
DOT Shipping Name: Cleaning compound N.O.S.
DOT Hazard Classification: Not regulated
DOT Label Requirements: None required
UN Identification Number: None
Hazardous Substance: None
Reportable Quantity: N/A
OSHA Hazard Classification: None
EPA SARA Title III Data: ACUTE Moderate CHRONIC Low FIRE Low REACTIVE Low

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Prepared by: R. Fletcher W.A. Cleary Chemical Corporation Effective Date: 11/93