

# Material Safety Data Sheet

**Product:** Glass & Hard Surface Cleaner



|                         |                              |
|-------------------------|------------------------------|
| <b>File Number:</b> 139 | <b>MSDS Date:</b> 01/21/2011 |
|-------------------------|------------------------------|

## Section I

|  |  |
|--|--|
| <b>Manufacturer:</b><br>Tate Soaps & Surfactants, Inc.             | <b>Emergency Telephone Number:</b><br>CHEMTREC 1-800-424-9300                        |
| <b>Address:</b><br>1500 N. Webster Street<br>Kokomo, Indiana 46901 | <b>Telephone Number for Information:</b><br>PH: (765) 868-4488<br>FX: (765) 868-4489 |

## Section II - Hazard Ingredients/Identity Information

| Hazardous Components (Specific Chemical Identity; Common Name(s)) | CAS No.  | ACGIH TLV | OSHA PEL | % Wt |
|---|----------|-----------|----------|------|
| Butoxy Ethanol  | 111-76-2 |           |          | < 1% |
| Isopropanol   | 67-63-0  |           |          | < 8% |

## Section III - Physical/Chemical Characteristics

|                                |                           |  |        |
|--------------------------------|---------------------------|--|--------|
| <b>Boiling Point (°F)</b>      | 212                       | <b>Specific Gravity (H<sub>2</sub>O = 1)</b> | 0.9914 |
| <b>Vapor Pressure (mm Hg.)</b> | 18                        | <b>Melting Point (°F)</b>                    | N/A    |
| <b>Vapor Density (AIR = 1)</b> | 1                         | <b>Evaporation Rate (Butyl Acetate = 1)</b>  | 0.35   |
| <b>Solubility in Water</b>     | Complete                  |  |        |
| <b>Appearance and Odor</b>     | Clear color, floral scent |  |        |

## Section IV - Fire and Explosion Hazard Data

|   |  |
|---|--|
| <b>Flash Point (°F, Method Used)</b> T.C.C. 126 | <b>Flammable Limits</b>  |
| <b>Extinguishing Media</b>                      | Dry or Water   |
| <b>Special Fire Fighting Procedures</b>         | Combustible liquid alcohol solution.   |
| <b>Unusual Fire and Explosion Hazards</b>       | Containers may rupture under high heat conditions, with potential of ignition. |

**Section V - Reactivity Data**

|  |   |
|--|---|
| Stability Stable                               | Hazardous Polymerization Will Not Occur |
| Incompatibility ( <i>Materials to Avoid</i> )- | Strong acids, strong oxidizing agents.  |
| Hazardous Decomposition or Byproducts          | Oxides of carbon, ethylene oxide.       |

**Section VI - Health Hazard Data**

|   |                 |                     |                |
|---|-----------------|---------------------|----------------|
| Route(s) of Entry:  | Inhalation: N/A | Skin: Yes           | Ingestion: Yes |
| Health Hazards ( <i>Acute and Chronic</i> ): Irritant also possible, skin absorbency factor   |                 |                     |                |
| Carcinogenicity: None   |                 | OSHA Regulated: N/A |                |
| Medical Conditions Generally Aggravated by Exposure. Can cause irritation to skin and eyes. Will cause gastrointestinal problems if ingested. |                 |                     |                |
| <b>Emergency and First Aid Procedures:</b>  |                 |                     |                |
| Eyes – Flush with cool water for at least 15 minutes. Do not rub. Get medical attention immediately.  |                 |                     |                |
| Skin – Wash with soap and water. Remove contaminated clothing.  |                 |                     |                |
| Ingested – Do not induce vomiting. Dilute by drinking water or milk. Get medical attention immediately.                                       |                 |                     |                |

**Section VII - Precautions for Safe Handling and Use**

|   |
|---|
| Steps to Be Taken in Case Material is Released or Spilled Small spills may be flushed to sewage drain with plenty of water. Large spills should be recovered with absorbents and placed in containers for disposal. |
| Waste Disposal Method Waste disposal should be consistent with all local ordinances.  |
| Precautions to Be taken in Handling and Storing Store at room temperature. Keep out of high heat areas. Avoid damage to containers in handling.   |

**Section VIII - Control Measures**

|  |   |
|--|---|
| Respiratory Protection ( <i>Specify Type</i> ) N/A | Ventilation Local Exhaust                     |
| Protective Gloves Neoprene, Nitrile                | Eye Protection Splash goggles or Face shields |
| Other Protective Clothing or Equipment N/A         |   |

**DISCLAIMER:** We believe that the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, expressed or implied. We assume no responsibility for any loss, damage, or expense, direct or consequential, arising from the use or misuse of this product.