

U.S. DEPARTMENT OF LABOR  
**MATERIAL SAFETY DATA SHEET**

Prepared 00/00/00  
 Revised 00/00/00

Required under USDL Safety and Health Regulations for Ship Repairing Ship  
 building, and Shipbreaking (29 CFR 1915, 1916, 1917)

**SECTION I**

|  |   |
|--|---|
| <b>Manufacturer's Name</b><br>Smith Brothers Company, Inc.                 | <b>Emergency Phone</b><br>(919) 793-2579                              |
| <b>Address</b><br>PO Box 126<br>Plymouth, NC 27962                         |   |
| <b>Chemical Name And Synonyms</b><br>Proprietary Blend Alkylaryl Sulfonate | <b>Trade Name And Synonyms</b><br>Smith's DG-44 Drycleaning Detergent |
| <b>Chemical Family</b><br>Sulfonate  | <b>Formula</b><br>Proprietary Blend - Trade Secret                    |

**SECTION II - Hazardous Ingredients**

| Paints, Preservatives, & Solvents |     |             | Alloys And Metallic Coatings |     |             |
|-----------------------------------|-----|-------------|------------------------------|-----|-------------|
|                                   | %   | TLV (Units) |                              | %   | TLV (Units) |
| Pigments                          | N/A |             | Base Metal                   | N/A |             |
| Catalyst                          | N/A |             | Alloys                       | N/A |             |
| Vehicle                           | N/A |             | Metallic Coatings            | N/A |             |
| Solvents                          | 25  | Acc-III     | Filler Metal + Ctngr         | N/A |             |
| Additives                         | N/A |             | Others                       | N/A |             |
| Others                            | N/A |             |                              |     |             |

**Hazardous Mixtures Of Other Liquids, Solids, Or Gases**  
 Mineral Spirits Less Than 10% (t)

**SECTION III - Physical Data**

|                                  |                                |                                     |       |
|----------------------------------|--------------------------------|-------------------------------------|-------|
| <b>Bolling Poing (Farenheit)</b> | 220                            | <b>Specific Gravity (H2O=1)</b>     | 0.882 |
| <b>Vapor Pressure (mm Hg)</b>    | N/A                            | <b>Percent Volatile By Volume %</b> | N/A   |
| <b>Vapor Density (AIR=1)</b>     | N/A                            | <b>Evaporation Rate</b>             | N/A   |
| <b>Solubility In Water</b>       | Water Soluble                  |                                     |       |
| <b>Appearance And Odor</b>       | Clear Amber Liquid - Mild Odor |                                     |       |

**Section IV - Fire And Explosion Hazard Data**

|  |                                |
|--|--------------------------------|
| <b>Flash Point And Method Used</b><br>Open Cup 120 Degrees Farenheit | <b>Flammable Limits</b><br>N/A |
| <b>Extinguishing Media</b><br>Co2 or dry powder, Flood with water    |                                |
| <b>Special Fire Fighting Procedures</b><br>Foam or flood with water  |                                |
| <b>Unusual Fire And Explosion Hazards</b><br>None                    |                                |

### Section V - Health Hazard Data

|  |                                  |
|--|----------------------------------|
| Threshold Limit Value  | Effects Of Overexposure          |
| Above 140 ppm  | Headache, eye burning, dizziness |
| Emergency And First Aid Procedures   |                                  |
| Fresh air, oxygen, flood with water from skin(spills), or call a physician |                                  |

### Section VI - Reactivity Data

|  |                                       |
|--|---------------------------------------|
| Stability  | Conditions To Avoid                   |
| Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/> | Avoid ingestion or food contamination |
| Incompatibility (Materials To Avoid)   | N/A                                   |
| Hazardous Decomposition Products   | N/A                                   |
| Hazardous Polymerization   | Conditions To Avoid                   |
| May Occur <input type="checkbox"/>   |                                       |
| Will Not Occur <input checked="" type="checkbox"/>                           |                                       |

### Section VII - Spill Or Leak Procedures

Steps To Be Taken In Case Material Is Released Or Spilled

Flood with water

Waste Disposal Method

Wash down drain with normal spill amounts

### Section VIII - Special Protection Information

|   |                                  |
|---|----------------------------------|
| Respiratory Protection                                |                                  |
| Ventilation   |                                  |
| Local Exhaust <input checked="" type="checkbox"/>     | Special <input type="checkbox"/> |
| Mechanical <input type="checkbox"/>                   | Other <input type="checkbox"/>   |
| Protective Gloves <input checked="" type="checkbox"/> | Other Protective Equipment       |
| Eye Protection <input checked="" type="checkbox"/>    |                                  |

### Section IX - Special Precautions

Precautions To be Taken In Handling And Storing

Store away from open flame, preferably in a cool, dry place

Other Precautions

N/A