

## Material Safety Data Sheet

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|                                                                                                                                                                                                                                   |                           |                                                                                                            |       |     |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |
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| <b>Section 1 Identification</b>                                                                                                                                                                                                   |                           |                                                                                                            |       |     |                                         | <b>Section 6 Accidental Release Measures</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |
| Product Number: C2247                                                                                                                                                                                                             |                           |                                                                                                            |       |     |                                         | Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
| Product Name: Phenyl Salicylate (Salol) Laboratory Grade                                                                                                                                                                          |                           | Health: 2                                                                                                  |       |     |                                         | <b>Section 7 Handling and Storage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |
| Trade/Chemical Synonyms                                                                                                                                                                                                           |                           | Flammability: 1                                                                                            |       |     |                                         | Store in a cool dry place. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling. Protect from light and keep tightly closed.                                                                                                                                                                                                                                                                                                                                            |  |  |  |
| Formula: C <sup>14</sup> H <sup>10</sup> O <sup>2</sup>                                                                                                                                                                           |                           | Reactivity: 0                                                                                              |       |     |                                         | <b>Section 8 Exposure Controls &amp; Personal Protection</b>                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |
| RTECS: VO6125000                                                                                                                                                                                                                  |                           | Hazard Rating: Least Slight Moderate High Extreme<br>0 1 2 3 4                                             |       |     |                                         | Respiratory Protection: NIOSH/MSHA-approved respirator                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
| C.A.S: CAS# 118-55-8                                                                                                                                                                                                              |                           | NA = Not Applicable NE = Not Established                                                                   |       |     |                                         | Mechanical: <input checked="" type="checkbox"/> Ventilation: Local Exhaust: <input type="checkbox"/><br>Hand Protection: <input type="checkbox"/> Chemical resistant gloves<br>Eye Safety Protection: <input type="checkbox"/> goggles                                                                                                                                                                                                                                                      |  |  |  |
| <b>Section 2 Component Mixture</b>                                                                                                                                                                                                |                           |                                                                                                            |       |     |                                         | Other Protective Equipment: Wear appropriate clothing to prevent skin exposure                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |
| Sara 313                                                                                                                                                                                                                          | Component                 | CAS Number                                                                                                 | %     | Dim | Exposure Limits:                        | <b>Section 9 Physical and Chemical Properties</b>                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |
| <input type="checkbox"/>                                                                                                                                                                                                          | Phenyl Salicylate (Salol) | CAS# 118-55-8                                                                                              | 100 % | W/W | TXDS: orl-rat LD <sup>50</sup> : 3 g/Kg | Melting Point: 44 to 46° C Specific Gravity: Information not available<br>Boiling Point: 172° C Percent Volatile by Volume: 0<br>Vapor Pressure: Information not available Evaporation Rate: 0<br>Vapor Density: Information not available Evaporation Standard:<br>Solubility in Water: Soluble Auto ignition Temperature: Not applicable<br>Appearance and Odor: White crystals Lower Flamm. Limit in Air: Not applicable<br>Flash Point: 109°C Upper Flamm. Limit in Air: Not applicable |  |  |  |
| <b>Section 3 Hazard Identification (Also see section 11)</b>                                                                                                                                                                      |                           |                                                                                                            |       |     |                                         | <b>Section 10 Stability and Reactivity Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
| May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.            |                           |                                                                                                            |       |     |                                         | Stability: Stable Conditions to Avoid: Incompatibilities<br>Materials to Avoid: Strong oxidizing agents, sensitive to light<br>Hazardous Decomposition Products: Carbon dioxide, carbon monoxide<br>Hazardous Polymerization: Will Not Occur<br>Condition to Avoid: None known                                                                                                                                                                                                              |  |  |  |
| <b>Section 4 First Aid Measures</b>                                                                                                                                                                                               |                           |                                                                                                            |       |     |                                         | <b>Section 11 Additional Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |
| May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.            |                           |                                                                                                            |       |     |                                         | Harmful! Effects of overexposure. Acute and chronic: Material is irritating to mucous membranes and upper respiratory tract. Chronic: Overexposure may cause reproductive disorders. Target organs: None. Persons with pre-existing disorders may be more susceptible.                                                                                                                                                                                                                      |  |  |  |
| FIRST AID: SKIN: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention                                                                                                 |                           |                                                                                                            |       |     |                                         | DOT Classification: Not Regulated                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |
| EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen |                           |                                                                                                            |       |     |                                         | DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |
| INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.                                                                                    |                           |                                                                                                            |       |     |                                         | Revision No: 0 Date Entered: 9/1/2006 Approved by: WPF                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
| <b>Section 5 Fire Fighting Measures</b>                                                                                                                                                                                           |                           |                                                                                                            |       |     |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |
| Fire Extinguisher Type:                                                                                                                                                                                                           |                           | Carbon Dioxide, dry chemical powder or appropriate foam                                                    |       |     |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |
| Fire/Explosion Hazards:                                                                                                                                                                                                           |                           | Emits toxic fumes under fire conditions                                                                    |       |     |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |
| Fire Fighting Procedure:                                                                                                                                                                                                          |                           | Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing. |       |     |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |

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