



GARDENA, CA  
NEW BRUNSWICK, NJ

# Material Safety Data Sheet

|                 |   |                               |   |             |   |            |   |  |
|-----------------|---|-------------------------------|---|-------------|---|------------|---|--|
| NFPA            | HMIS  | Personal Protective Equipment |   |             |   |            |   |  |
|                 | <table border="1"> <tr> <td>Health Hazard</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Fire Hazard</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Reactivity</td> <td style="text-align: center;">0</td> </tr> </table> | Health Hazard                 | 3 | Fire Hazard | 0 | Reactivity | 0 |  |
| Health Hazard   | 3   |                               |   |             |   |            |   |  |
| Fire Hazard     | 0   |                               |   |             |   |            |   |  |
| Reactivity      | 0   |                               |   |             |   |            |   |  |
| See Section 15. |   |                               |   |             |   |            |   |  |

|   |   |  |
|---|---|--|
| <b>Section 1. Chemical Product and Company Identification</b> |   | <b>Page Number: 1</b>  |
| Common Name/<br>Trade Name                                    | <b>Arsenic trioxide</b>   | Catalog Number(s) A1340, A1342, A1345  |
| Manufacturer  | <b>ProChem<br/>826 Roosevelt Rd.<br/>Rockford, IL 61109</b>                         | CAS# 1327-53-3   |
| Commercial Name(s)  | Not available.  | RTECS CG3325000  |
| Synonym   | Arsenic oxide; Arsenic Trioxide   | TSCA TSCA 8(b) inventory: Arsenic trioxide   |
| Chemical Name   | Diarsenic trioxide  | CI# Not applicable.  |
| Chemical Family   | Oxide. (Oxidizing agent.)   | <b>IN CASE OF EMERGENCY</b><br><b>CHEMTREC (24hr) 800-424-9300</b><br><br><b>(815)398-1788</b> |
| Chemical Formula  | As2O3   |  |
| Supplier  | SPECTRUM LABORATORY PRODUCTS INC.<br>14422 S. SAN PEDRO STREET<br>GARDENA, CA 90248 |  |

|  |  |                          |                           |                           |             |
|--|--|--------------------------|---------------------------|---------------------------|-------------|
| <b>Section 2. Composition and Information on Ingredients</b> |  |                          |                           |                           |             |
|  |  | <i>Exposure Limits</i>   |                           |                           |             |
| Name   | CAS #  | TWA (mg/m <sup>3</sup> ) | STEL (mg/m <sup>3</sup> ) | CEIL (mg/m <sup>3</sup> ) | % by Weight |
| 1) Arsenic trioxide  | 1327-53-3  |                          |                           |                           | 100         |
| Toxicological Data on Ingredients                            | <b>Arsenic trioxide:</b><br>ORAL (LD50): Acute: 14.6 mg/kg [Rat.]. 31.5 mg/kg [Mouse]. |                          |                           |                           |             |

|  |  |
|--|--|
| <b>Section 3. Hazards Identification</b> |  |
| Potential Acute Health Effects           | Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation. Severe over-exposure can result in death.   |
| Potential Chronic Health Effects         | <p><b>CARCINOGENIC EFFECTS:</b> Classified A1 (Confirmed for human.) by ACGIH, 1 (Proven for human.) by IARC.</p> <p><b>MUTAGENIC EFFECTS:</b> Mutagenic for mammalian somatic cells.</p> <p><b>TERATOGENIC EFFECTS:</b> Classified POSSIBLE for human.</p> <p><b>DEVELOPMENTAL TOXICITY:</b> Not available.</p> <p>The substance may be toxic to blood, kidneys, liver, cardiovascular system, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.</p> |

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