



Material Safety Data Sheet

Company: DALCHEM, MOSKOVSKOE SHOSSE, 85, Nizhny Novgorod, 603000, RUSSIA
TEL: + 7 (8312) 753-772, FAX: +7 (8312) 750-799

SECTION 1: Product Identification

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|------------------------|----------------------------|
| Product name | 2,2'-Dibromobiphenyl, 98+% |
| CAS # | 13029-09-9 |
| Catalog # | 0350250 |
| Chemical family | Organic bromide |

SECTION 2: Composition, Information on Ingredients

| Component | % | CAS # | EINECS # | Hazard Symbol | R-Phrase |
|----------------------|----|------------|----------|---------------|----------|
| 2,2'-Dibromobiphenyl | 98 | 13029-09-9 | none | XI | 36/37/38 |

SECTION 3: Hazard Identification

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| Emergency overview | Irritating to eyes, respiratory system and skin. |
| Eye contact | Causes slight irritation of the eyes. |
| Skin contact | Causes slight irritation of the skin. |
| Inhalation | Causes slight irritation of the nose and respiratory tract. |
| Ingestion | Toxicological properties have not been fully investigated. |
| Chronic health effects | Not available. |

SECTION 4: First Aid Measures

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| Eye exposure | Immediately flush eyes with plenty amount of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid. |
| Skin exposure | Get medical aid. Immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes if it is necessary. |
| Inhalation | Remove from exposure to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, pain, etc. In such cases seek immediate medical assistance. |
| Ingestion | If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately. |

SECTION 5: Fire Fighting Measures

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| General information | If this material is involved in a fire, fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing. If involved in a fire this material may emit toxic and corrosive fumes. |
| Extinguishing media | Use dry chemical, carbon dioxide, or chemical foam, water spray. |

SECTION 6: Accidental Release Measures

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| Spill and leak procedures | Small spills can be mixed with vermiculite or sodium carbonate or other inert noncombustible material and swept up. |
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| SECTION 7: Handling and Storage | |
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| Handling | Avoid contact with skin and eyes. |
| Storage | Store in a cool, dry place. Store in a tightly closed container. |
| SECTION 8: Exposure Controls and Personal Protection | |
| Eye protection | Always wear approved safety glasses when handling a chemical substance in the laboratory. |
| Skin protection | Wear protective gloves. |
| Ventilation | Work with this product in a well-ventilated area, preferably a fume hood. |
| Respirator | If ventilation is not available a respirator should be worn. The use of respirators requires Respirator Protection Program to be in compliance with 29CFR 1910.134. |
| SECTION 9: Physical and Chemical Properties | |
| Appearance | White powder |
| Odor | None |
| Melting point | 79-82 °C |
| Boiling point | NA |
| Flash point | NA |
| Specific gravity | NA |
| Molecular formula | C ₁₂ H ₈ Br ₂ |
| Molecular weight | 312.02 |
| SECTION 10: Stability and Reactivity | |
| Stability | Air and moisture stable. |
| Hazardous polymerization | No hazardous polymerization. |
| Conditions to avoid | Incompatible materials |
| Incompatibilities with other materials | Strong oxidizing agents. |
| Hazardous decomposition products | Carbon monoxide, carbon dioxide, hydrogen bromide gas |
| SECTION 11: Toxicological Information | |
| RTECS Data | Unlisted |
| Carcinogenic effects | No data available. |
| Mutagenic effects | No data available. |
| Tetragenic effects | No data available. |
| SECTION 12: Ecological Information | |
| Ecological information | No information available. |
| SECTION 13: Disposal Considerations | |
| Dispose of in a manner consistent with federal, state, and local regulations. | |

| SECTION 14: Transport Information | |
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| Shipping name (CFR) | Non Hazardous |
| Hazard class (CFR) | NA |
| Additional hazard class (CFR) | NA |
| Packing group (CFR) | NA |
| UN ID number (CFR) | NA |
| Shipping name (IATA) | Non Hazardous |
| Hazard class (IATA) | NA |
| Additional hazard class (IATA) | NA |
| Packing group (IATA) | NA |
| UN ID number (IATA) | NA |
| SECTION 15: Regulatory Information | |
| TSCA | Not listed in the TSCA inventory |
| SARA | Not listed |
| SECTION 16: Other Information | |
| Preparation date | 20.01.04 |
| Revision date | 10.02.12 |
| <p>The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.</p> | |