MATERIAL SAFETY DATA SHEET
Rhodamine B

STATEMENT OF HAZARDOUS NATURE
Hazardous according to criteria of Worksafe Australia

COMPANY DETAILS
Company: ProSciTech
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IDENTIFICATION SECTION

Product Name
Other Names
Product Code
U.N. Number
Dangerous Goods Class
and Subsidiary Risk
Hazchem Code
Poison Schedule
Use

Physical Description and Properties
Appearance
Boiling Point/Melting Point
Vapour Pressure
Specific Gravity
Flash Point
Flammability Limits
Solubility in water

Other Properties

Ingredients
Chemical Name
CAS Number
Proportion
Rhodamine B
81-88-9
HEALTH HAZARD INFORMATION

Health Effects:

**Acute**
- **Swallowed:** No information found but compound should be handled as a potential health hazard
- **Eye:** May cause irritation.
- **Skin:** May cause irritation.
- **Inhaled:** No information found, but compound should be handled as a potential health hazard.

**Chronic:** Suspected carcinogen.

First Aid:
- **Swallowed:** If swallowed, call for medical attention immediately.
- **Eye:** Wash continuously with water for 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.
- **Skin:** Remove any contaminated clothing. Wash skin with soap or mild detergent and water for at least 15 minutes. Get medical attention if irritation develops or persists.
- **Inhaled:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call for medical attention.

First Aid Facilities: Eye bath, safety shower

PRECAUTIONS FOR USE

**Exposure Standards:** No exposure standard established

**Engineering Controls:** A local exhaust system which captures the contaminant at its source is recommended to prevent dispersion of the contaminant into the workroom air.

**Personal Protection:** For conditions of use where exposure to the dust is, an approved dust/mist respirator may be worn. For emergencies, a self-contained breathing apparatus may be necessary. Wear protective gloves and clean body-covering clothing. Use chemical safety goggles. Contact lenses should not be worn when working with this material.

**Flammability:** Not flammable under conditions of use.

SAFE HANDLING INFORMATION

**Storage and Transport:** Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances.

**Spills and Disposal:** Ventilate area of leak or spill. Clean-up personnel may require respiratory protection from dust. Spills: sweep up and containerise for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Disposal: whatever cannot be saved for reclamation may be delivered to an approved waste disposal facility. Ensure compliance with local, state and federal regulations.

**Fire/Explosion Hazard:** Use any means suitable for extinguishing surrounding fire. In the event of a fire, wear full protective clothing and approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

OTHER INFORMATION

**Incompatibilities (Materials to avoid):** No data

**Animal Toxicity Data:** Oral mouse LD50: 887mg/kg

The information published in this Material Safety Data Sheet has been compiled from data in various technical publications. It is the user’s responsibility to determine the suitability of this information for adoption of necessary safety precautions. We reserve the right to revise Material Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.