

# MATERIAL SAFETY DATA SHEET

## ROSE BENGAL

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**Product/Chemical Name: ROSE BENGAL**

**Formula:**  $C_{20}H_4Cl_4I_4Na_2O_5$ , sodium salt

**Physical Description:** Bright bluish-pink powder  
Soluble in water pH: Slightly Acidic

**Special Hazards:** Self-contained breathing apparatus is required.

**Unusual Fire/Explosion Hazards:** Negligible fire hazard when exposed to heat or flame.

**Reactivity:** Stable

**Hazardous Decomposition Products:** May release toxic and hazardous chlorine, iodide and sodium oxide fumes under thermal decomposition.

**Spill or Leak Procedures**

**Action:** Sweep up and place in suitable (fireboard) containers for later disposal.

**Disposal Method:** To be performed in compliance with all current local, state and federal regulations.

**Threshold Limit Value:** N/A

**Overexposure Effects:** N/A

**Potential Carcinogen:** No

**First Aid Procedures**

**Skin:** Remove contaminated clothing and shoes immediately. Wash affected area with soap or mild detergent and large amounts of water until no evidence of chemical remains (approx. 15-20 min.). Get medical attention immediately.

**Eyes:** Check for and remove any contact lenses. Flush eyes immediately with large amounts of water, occasionally lifting upper and lower lids, until no evidence of chemical remains (approx. 15-20 min.). Do not use an eye ointment. Get medical attention immediately.

**Ingestion:** Check for and remove any dentures. Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If victim is not breathing, perform CPR. Get medical attention immediately.

**Inhalation:** Remove from exposure area to fresh air immediately. If breathing has stopped, perform CPR. Get medical attention immediately.

**Storage Recommendations:** Store at room temperature.

**Special Protection Information**

Exhaust ventilation recommended. Safety glasses and protective gloves are recommended.

**Special Handling Precautions**

Avoid breathing vapors or dusts.