

1. Product and Company Identification

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Product Name 4',5'-DIBROMOFLUORESCIN
Part Number RXSOL-69-5960-320

Synonyms: C.I. 45370.1, Solvent Red 72, 4',5'-Dibromo-3',6'-dihydroxySpiro[isobenzofuran-1(3H), 9'[9 H] xanthen]-3-one; Acid Orange 11; Fluorescein, 4'5'-dibromo-

Weight: 490.11. **Formula:** C₂₀H₁₀Br₂O₅

Company Details:

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2. Composition / Information on ingredients

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Name	of	Substance	Cas Number
4',5'-Dibromofluorescein			596-03-2

3. Hazards Identification

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SignalWord	Warning
Hazard Statements	H301: Toxic if swallowed.
Precautionary statements	P264: wash skin thoroughly after handling P330: Rinse Mouth P270: Do not drink, eat, smoke, when using this product. P405: Store locked up. P301 + P310:If Swallowed: Immediately Call Poison Center or doctor/physician P321: Specific treatment (see supplemental first aid instructions) P501: Dispose of contents/container to an approved waste disposal plant.
HMIS Classification:	Health hazard 2, Flammability 0, Physical hazards 0
NFPA Rating:	Health hazard 2, Fire 0, Reactivity hazard 0
Potential Health Effects:	Eye: May cause eye irritation. Skin: May cause skin irritation. Ingestion: May cause irritation of the digestive tract. Inhalation: May cause irritation of respiratory tract. The toxicological properties of this material have not been fully investigated.

4. First Aid Measures

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Eye Contact	Flush eyes with plenty of water as a precaution.
Skin Contact	If contact, flush skin with plenty of soap & water.
Ingestion:	If victim is conscious and alert, give water to rinse anything by mouth to an unconscious person.
Inhalation:	Remove to fresh air immediately. If not breathing, give artificial respiration.
Notes to Physician:	Treat symptomatically and supportively.

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As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent) protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Carbon oxides, hydrogen bromide.

Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Not available

Not available

Not available

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Use proper PPE as indicated in Section 8.

Clean up spills immediately, observing precautions in the SDS. Do not breathe vapors or absorb material, then place into a suitable clean, sealed container for disposal. Avoid generating dusty conditions. Provide ventilation.

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Wash thoroughly after handling. Remove contaminated clothing and equipment as soon as possible. Ensure adequate ventilation. Minimize dust generation and accumulation. Do not breathe dust. Wash contaminated clothing before reuse. Store in a tightly closed container. Store in a cool, dry place. Do not mix with incompatible substances.

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Facilities utilizing this material should be equipped with adequate ventilation to keep airborne concentrations low.

CHEMICAL NAME	ACGIH
4,5'-Dibromofluorescein	None listed

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles that comply with the American National Standards Institute and face protection regulations in 29 CFR 1910.133. **Hand Protection:** Wear appropriate protective gloves to prevent skin exposure. **Respirators:** A respiratory protection program that meets the OSHA requirements of 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 1822 for workplace conditions warrant a respirator use.



Suit

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State :	Powder
Appearance:	Orange
Odour	None
pH	No Data
Vapor Pressure & Density:	No Data
Evaporation Rate:	No Data
Viscosity:	No Data
Boiling Point:	760.00mm Hg
Melting Point:	270-273°C
Decomposition Temperature:	No Data
Solubility:	Slightly soluble
Density:	No Data

10. Stability and reactivity

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Chemical Stability:	Stable under normal temperatures and pressures.
Conditions to Avoid:	Incompatible materials, dust generation, strong oxidants.
Incompatibilities:	Oxidizing agents
Hazardous Decomposition Products:	see section 5

11. Toxicological information

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