

MATERIAL SAFETY DATA SHEET

For Chemicals, Coatings and Related Materials
"Essentially similar" to form OSHA-20

REVISED 03/05/09

MANUFACTURER

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EMERGENCY TELEPHONE NUMBERS:
MEDICAL OR TRANSPORTATION
INFOTRAC (24 hrs): 1-800-535-5053
International: 1-352-323-3500

SECTION I - PRODUCT INFORMATION

PRODUCT NAME: Red Fluorescent Dye, Water Soluble
Part# 01-DYE-REDFLUOR: Rhodamine 6GDN 500%
Part# 01-DYE-REDFL1LB
DESCRIPTION: Red Dye
CLASS: Powder
Chemical Family: Xanthene and Coumarin Dye Mixture

HMIS HAZARD CODES
Health: 2
Flammability: 1 (Slight)
Reactivity: 0 (Minimal)
Personal Protective Equipment: F

SECTION IIA - HAZARDOUS INGREDIENTS

INGREDIENT MATERIAL DESCRIPTION	PERCENT BY WEIGHT	C.A.S. REGISTRY NO.	PEL	TLV
C.I. Basic Red 1:1	95-100%	3068-39-1	NE	NE
C.I. Basic Yellow 40	1-5%	29556-33-0	NE	NE

SECTION III - PHYSICAL DATA

Description: Red Powder; No Odor
Melting Point: NE
Decomposition Temp: > 100 C
Hazardous Polymerization: Will Not Occur
Water Solubility: ~20 G/L (95 C)
PH: NE
Bulk Density: ~560 KG/M³ (7.27 Lb/Ft³)

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point: NA
Types of Extinguishers: Water Spray, Dry Powder, Foam, CO₂
SPECIAL FIRE FIGHTING PROCEDURES: Wear self contained breathing apparatus to protect against possibly toxic fumes. Wear full fire protective clothing

SECTION V - TOXICOLOGICAL INFORMATION

Oral LD50 (Rat): 400 MG/KG* (Highly Toxic)
*Based on a similar product
Dermal LD50 (Rat): NE
Inhalation LC50 (Rat): NE

SECTION VI - HEALTH HAZARD DATA

Eye Effects (Rabbit): Severe irritant
Skin Effects (Rabbit): Not an irritant
Breathing Effects: NE
Swallowing Effects: Harmful if swallowed. Serious damage may result by prolonged exposure if swallowed.
Mutagenicity: Not Known

ECOLOGICAL INFORMATION

BOD 5: NE
COD: NE
Fish Toxicity: NE
Seed Toxicity: NE
CWA Toxic Pollutants: NE
Biological Elimination: NE

SECTION VII - EMERGENCY AND FIRST AID PROCEDURES

Possible Exposures: Eyes, Skin, Breathing Dusts, Accidental Swallowing

Possible Health Effects:

Eye Contact: Can Severely Irritate. Risk of Serious Dasmage to Eyes.

Skin contact: No unusual redness, swelling or pain has been experienced from routine handling when all protection is worn and kept clean

Breathing Dust: Not Established with no data available on possible effects.

Swallowing: Harmful. Danger of serious damage to health by prolonged exposure if swallowed.

Sensitization: Not Known
Target Organs: Eyes, Liver, Kidney

Cancer Information: Product and components not known to us to be carcinogens.

NTP: Not Known
IARC: Not Known
OSHA: NR

Precautions: To help protect yourself from either or unforeseen irritation or allergic reactions, workers should wear all properly selected protective equipment and clothing as instructed. Wash hands and face after handling and before eating, drinking, smoking or using restroom facilities. After each shift, clean all protective equipment, wash all work clothes, and shower.

SECTION VIII - REACTIVITY DATA

STABILITY: Stable CONDITIONS TO AVOID: Dust Formation
INCOMPATIBILITY (MATERIALS TO AVOID): Not Known
HAZARDOUS DECOMPOSITION PRODUCTS: Burning can produce irritating and toxic fumes
HAZARDOUS POLYMERIZATION: Will not occur

SECTION IX - REGULATORY INFORMATION

AICS (Australia): Components Listed
Cal. Prop. 65: contains the following chemicals known to the State of California to cause cancer or reproductive toxicity: Arsenic, Cadmium, Chromium*, Lead and Mercury.
*Hexavalent Chromium is a listed chemical, and may be present in the total chromium indicated. No quantitative data is currently available.
CERCLA: NH
Clean Air Act:
Title III_HAP's: NK
Title V_VOC's: NK
Title VI_ODC's: Not manufactured with, nor containing class I or II ODC's
CONEG_Typical metals present in PPM:

DSL (Canada): Components Listed

FDA Status: NC

Other Typical Data:

Antimony 5.6

Arsenic <0.1

Barium <100

Selenium 0.7

Zinc 34.0

SARA 311/312: Immediate/Acute Health Hazard : Yes
Delayed/Chronic Health hazard : Yes
Fire Hazard : No
Sudden Release or Pressure Hazard : No
Reactivity Hazard : No

SARA 313: NR

TSCA: Components Listed

WHMIS: D_2_B

SECTION X - SPILL OR LEAK PROCEDURES

Instruction for Spills and Releases:

Wear NIOSH approved dust respirator, with all protective clothing and equipment.

Contain and clean up spill immediately. Sweep powders carefully, using an absorbent (sweeping compound) to keep down the dust

SECTION XIII - CONTACT INFORMATION

TECHNICAL CONTACT PERSON: Robert Spring
TECHNICAL CONTACT NUMBER: Telephone 302-456-0446