

Material Safety Data Sheet

United Nuclear Scientific Supplies
125 N. 8th Street
Klamath Falls, OR 97601
Tel: 541-205-6855

24 HR EMERGENCY Telephone Number
VelocityEHS (USA): 800-255-3924

Section 1 Identification

Product Number:	C2003	Health:	2
Product Name:	Luminol	Flammability	1
Trade/Chemical Synonyms		Reactivity	0
Formula:	N/A	Hazard Rating:	
RTECS:	TH8890060	Least Slight Moderate High Extreme	
C.A.S	See Below	0 1 2 3 4	
		NA = Not Applicable NE = Not Established	

Section 2 Component Mixture

Sara 313	Component	CAS Number	%	Dim	Exposure Limits:
<input type="checkbox"/>	5-Amino-2,3-dihydro-1,4- phthalazinedione(Luminol)	CAS# 521-31-3	100%	W/W	None established

Section 3 Hazard Identification (Also see section 11)

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

Section 4 First Aid Measures

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID: SKIN: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

Section 5 Fire Fighting Measures

Fire Extinguisher Type:	Any means suitable for extinguishing surrounding fire
Fire/Explosion Hazards:	Fire possible at elevated temperatures. Dust in sufficient quantities can be a dust explosion hazard.
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

Section 6 Accidental Release Measures

Eliminate Ignition Sources. Neutralize with: Soda lime, soda ash. Absorb with vermiculite or other inert material. Place in container.

Section 7 Handling and Storage

Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.

Section 8 Exposure Controls & Personal Protection

Respiratory Protection: Dust Mask

Mechanical: ☐ Hand NIOSH Approved Protection: Gloves

Ventilation: Local Exhaust: ☒ Eye Protection: Safety Glasses

Other Protective Equipment: Use safe laboratory handling procedures.

Section 9 Physical and Chemical Properties

Melting Point:	319 deg C	Specific Gravity	Information not available
Boiling Point:	Information not available	Percent Volatile by Volume:	Information not available
Vapor Pressure:	Information not available	Evaporation Rate:	Information not available
Vapor Density:	Information not available	Evaporation Standard:	
Solubility in Water:	Information not available	Auto ignition Temperature:	Information not available
Appearance and Odor:	Yellow powder / no odor.	Lower Flam. Limit in Air:	
Flash Point:	Information not available	Upper Flam. Limit in Air:	

Section 10 Stability and Reactivity Information

Stability: Stable Conditions to Avoid: None known

Materials to Avoid: none known.

Hazardous Decomposition Products: Nitrogen oxides, carbon oxides

Hazardous Polymerization: Will Not Occur

Condition to Avoid: None known

Section 11 Additional Information

Conditions aggravated/Target organ: None known. Toxicity unknown. May be absorbed through skin. Acute: may cause irritation to skin, eyes, lungs, mucous membranes, and GI tract. Chronic : None known.

DOT Classification: Not Regulated

DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.

Revision No:0 Date Entered: 9/1/2005 Approved by:

