



MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
Avon, New York 14414
(716) 226-6177

MSDS No. FF 320
Effective Date March 2, 1999

SECTION V HEALTH HAZARD DATA

FF 320

Threshold Limited Value None established.

Effects of Overexposure May be harmful by inhalation, ingestion or skin absorption. Causes irritation. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated. Specific data is not available. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures
INGESTION: If swallowed, if conscious, give water to drink and call physician. Never give anything by mouth to an unconscious person.
EYES: Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. If irritation develops, get medical attention.
SKIN: Flush thoroughly with water, then wash with mild soap and water.
INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Moisture, excessive temperature and heat.
	Stable	X		

Incompatibility (Materials to Avoid) Strong oxidizers, acids.

Hazardous Decomposition Products Combustion will produce carbon dioxide and probably carbon monoxide. Hydrogen chloride gas and oxides of nitrogen may also be present.

Hazardous Polymerization	Conditions to Avoid		Not applicable.
	May Occur	Will Not Occur	
		X	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Recover for use if not contaminated. Wear suitable protective equipment. Avoid making dust. Sweep up spill and place in a suitable container for disposal. Wash spill area with soap and water.

Waste Disposal Method Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local laws.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) None should be needed in normal laboratory handling. If dusty conditions prevail, work in a ventilation hood or wear a NIOSH/MSHA-approved dust mask or respirator.

Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves Rubber. **Eye Protection** Chemical safety glasses.

Other Protective Equipment Safety glasses, lab coat, vented hood, proper gloves and eye wash station.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Use with adequate ventilation. Store in a cool, dry place. Wash thoroughly after handling. Do not breathe dust or get in eyes, on skin or clothing.
 Keep container tightly closed when not in use.

Other Precautions Read label on container before using. Do not wear contact lenses when working with chemicals.
 This material is hygroscopic. There is insufficient data in the published literature to assign complete protective equipment for this product. Special precautions must be used in storage, use and handling. Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 6	Date 3/2/99	Approved Michael Raszeja	Chemical Safety Coordinator MR
-----------------------	--------------------	---------------------------------	---------------------------------------

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	FUCHSIN BASIC, C.I. No. 42510	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * HEALTH FIRE REACTIVITY 2 1 1
Chemical Synonyms	Rosaniline Chloride	
Formula	C ₂₀ H ₁₉ N ₃ +HCl	
Unit Size	up to 2.5 Kg.	
C.A.S. No.	632-99-5	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Fuchsin Basic, Biological Stain or pH Indicator	88-100%	None established.

WARNING! MAY BE HARMFUL IF SWALLOWED, INHALED OR

ABSORBED THROUGH SKIN. CAUSES IRRITATION.

SECTION III PHYSICAL DATA

Melting Point (°F)	Dec. 250°C (482°F)	Specific Gravity (H₂O = 1)	Not available.
Boiling Point (°F)	Decomposes.	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (n-Butyl Acetate =1)	N/A
Vapor Density (Air=1)	Data not listed.		
Solubility in Water	Soluble.		
Appearance & Odor	Green crystalline solid; faint odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Not applicable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
----------------------------------	-----------------	--	-----	--------------	--------------

Extinguisher Media Water spray; dry chemical; carbon dioxide (CO₂).

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Use flooding amounts of water in early stages of fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials. Dust may be explosive if mixed with air in critical proportions and in the presence of a source of ignition.

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20