



MATERIAL SAFETY DATA SHEET



ALDON CORPORATION

221 Rochester Street
Aven, New York 14414-9409
(585) 228-6177

MSDS No.: VV0008
Effective Date: January 5, 2004

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	VEGETABLE DYE, RED, 0.7% SOLUTION
Chemical Synonyms	Acid Fuchsin D; C.I. No. 17200
Formula	Mixture. See Section II.
Unit Size	up to 3.785 Lt.
C.A.S. No.	Mixture. See Section II.

CHEMTREC 800-424-9300 Day 845-228-6177				
Health	1			
Fire	0			
Reactivity	0			
NFPA				
HAZARD RATING: MINIMAL SLIGHT MODERATE SERIOUS SEVERE				
0	1	2	3	4
HMIS*				
0	1	2	3	4

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Acid Red 33: (CAS No. 3567-66-6)	0.7%	None established.
Water: (CAS No. 7732-18-5)	99.2%	None established.
Sodium Benzoate: (CAS No. 532-32-1)	0.1%	None established.

WARNING! MAY BE HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN. CAUSES IRRITATION.

SECTION III PHYSICAL DATA

Melting Point (°F)	Freezes approx. 0°C (32°F)	Specific Gravity (H ₂ O = 1)	Approx. 1.0
Boiling Point (°F)	100°C (212°F)	Percutaneous Absorption (%)	99.2%
Vapor Pressure (mm Hg)	14 (water)	Evaporation Rate (Water = 1)	Slightly less than 1.
Vapor Density (Air=1)	0.7 (water)		
Solubility in Water	Complete.		
Appearance & Odor	Fuchsin (red) color liquid; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Not flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Use any media suitable for extinguishing supporting fire.				

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products of oxides of nitrogen and sulfur.

SECTION V HEALTH HAZARD DATA

Threshold Limited Value: None established for this mixture.

Effects of Overexposure
May be harmful by inhalation, ingestion, or skin absorption. To knowledge, the chemical, physical and toxicological properties: thoroughly investigated. Exercise appropriate procedures to m potential hazards. Target organ: None known.

Emergency and First Aid Procedures
INGESTION: Call physician or Poison Control Center immediately if advised by appropriate medical personnel. Ne anything by mouth to an unconscious person. **EYES:** Check for and remove contact lenses. Flu with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate me **SKIN:** Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation oc medical attention. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. difficult, give oxygen. Get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid	Protect from light. Excessive temperature or heat to cause evaporation.
	Stable	X	

Incompatibility (Materials to Avoid)
Strong oxidizers.

Hazardous Decomposition Products
When heated to decomposition, emits toxic fumes of oxides of nitrogen and sulfur.

Hazardous Polymerization	Conditions to Avoid	Not applicable.
	May Occur	
	X	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled
Absorb spill on vermiculite, sand, earth, paper towel and place in a suitable container for proper 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.
Dispose of in an approved incinerator equipped with an afterburner and scrubber or dispose of in an approved chemical landfill.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None needed in normal laboratory handling. If misty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved respirator.			
Ventilation	Local Exhaust	None needed.	Special	No.
	Mechanical (General)	None needed.	Other	No.
Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.	
Other Protective Equipment	Goggles, smock, apron, eye wash station, proper gloves.			

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing
Store in a cool place and protect from light. Wash thoroughly after handling. 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. For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

There is insufficient data to assign complete laboratory protective equipment for this product. Special precautions must be used in storage, use and handling. Remove and wash contaminated clothing.

Revision No. 6	Date 01/05/04	Approved Michael Raszews	Chemical Safety Coordinator	MR
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The information contained herein is furnished without warranty of any kind. Employees should use this information only as a supplement to other information gathered by them and must make independent determinations of liability 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.

D.O.T. NON-REGULATED.
Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

RED VEGETABLE DYE
Aldon Corp
800-424-9300