

Safety Data Sheet

CHAPTER 1

PRODUCT AND COMPANY INFORMATION

Product Name: Red Anti-freeze Water

Supplier: Learning Resources Inc., 380 N. Fairway Drive, Vernon Hills, IL 60061, U.S.A.

Phone: (847) 573-8400

Fax: (847) 573-8425

In Case of emergency: Use your local emergency number

CHAPTER 2

COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	EINECS No.	Conc. [%]	EU Classification
Water	7732-18-5		99.9	
Pigment Cochineal	1390-65-4		0.1	

CHAPTER 3

HAZARD IDENTIFICATION

Emergency Overview: Non-hazardous material

Physical Description: Water-based

Major Health Hazards: None known for usual and ordinary uses

Physical Hazards: None known for usual and ordinary uses

Routes of Entry:

- Inhalation: No
- Skin: No
- Eye: No
- Ingestion: No

Potential Health Effects: None known for usual and ordinary uses

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Inhalation: - Short Term Exposure: Not applicable - Long Term Exposure: Not applicable
Skin Contact: - Short Term Exposure: Not applicable - Long Term Exposure: Not applicable
Eye Contact: - Short Term Exposure: Not applicable - Long Term Exposure: Not applicable
Ingestion: - Short Term Exposure: Not applicable - Long Term Exposure: Not applicable
Carcinogen Status: - NTP: Not listed - IARC: Not listed - OSHA: Not listed
Medical Conditions Aggravated by Exposure: None known

CHAPTER 4

FIRST AID MEASURES

Eye: For eye contact, carefully flush for 15 minutes. If irritation occurs, contact a physician.

Skin: Wash with soap and water.

Ingestion: Drink water or milk to dilute. Do not induce vomiting.

Inhalation: Not likely to occur; seek fresh air.

CHAPTER 5

FIRE FIGHTING MEASURES

FLASH POINT °C: 160°C

Fire and Explosion Hazards:

Sealed containers may rupture. This product presents no unusual hazard

Extinguishing Media: Water, foam, carbon dioxide or dry chemicals

Special Fire Fighting Procedures: Not required for this material

CHAPTER 6

ACCIDENTAL RELEASE MEASURES

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Spill or Leak Procedures:	Contain spill: Recover as much as possible by mechanical means. Absorb remainder with an inert material. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water.
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CHAPTER 7

STORAGE AND HANDLING

Storage Temperature:	Store in cool, dry place. Avoid extreme heat
Shelf Life:	Not known
Special Sensitivity:	None likely or known
Handling and Storage:	Use under ventilated conditions. For personal protection, wash thoroughly after handling product. Wash hands before eating, smoking or using toilet facilities.
Precautions:	Avoid eye and skin contact, keep container closed when not being used

CHAPTER 8

EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: None known
Eye Protection: Wear splash goggles where spill or splashing may occur
Skin Protection: Not required
Respiratory and Ventilation: Wear approved NIOSH respirator if exposure to mist or vapors exceeds applicable PEL/TLV limits. Use in accordance with manufacturer's use limitations and OSHA regulations.

CHAPTER 9

PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Viscous liquid	Color: Red
Odor: Odourless	Boiling Point: 290
Melting Point: 18	Freezing Point: Not applicable
PH: ~6	Solubility in Water: Miscible
Specific Gravity: 1.09 - 1.50	Bulk Density: Not applicable
% Volatile by Weight: Not applicable	Vapor Pressure: No
Vapor Density: 3.2	Flash Point: 160°C

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CHAPTER 10

STABILITY AND REACTIVITY

STABILITY:	Stable
CONDITIONS TO AVOID:	Not applicable
INCOMPATIBILITY:	Avoid strong oxidizing agents
HAZARDOUS POLYMERIZATION:	No
DECOMPOSITION PRODUCTS:	None known

CHAPTER 11

TOXICOLOGICAL INFORMATION

Health Effects:	Heated decomposition products may cause eye and respiratory irritation.
Inhalation:	Not likely.
Skin Contact:	Prolonged liquid contact with skin are safe.
Eye Contact:	Prolonged liquid contact with eyes may cause irritation or redness.
Ingestion:	No effects known in usual and ordinary uses of product.

CHAPTER 12

ECOLOGICAL INFORMATION

NO ECOLOGICAL ISSUES LIKELY.

CHAPTER 13

DISPOSAL CONSIDERATION

Waste Disposal Method:	Dispose of all waste materials in accordance with all applicable federal, state and local regulations for the disposal of aqueous wastes. Do not flush liquid into public sewer or water systems.
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CHAPTER 14

TRANSPORT INFORMATION

DOT Proper shipping name: Not regulated.
DOT Technical name: Not regulated.
OCEAN (IMDG): Not regulated.
AIR (IATA): Not regulated.

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WHMIS (CANADA): Not regulated.

CHAPTER 15

REGULATORY INFORMATION

OSHA Status: Not applicable

TSCA Status: Not applicable

CERCLA Reportable Quantity: Not applicable

SARA Title III: Not applicable

Section 302 Extremely Hazardous Substances: Not applicable

Section 311/312 Hazard Categories: Not applicable

Section 313 Toxic Chemicals: Not applicable

RCRA Status: Not applicable

State Regulatory Information: Not applicable

CHAPTER 16

OTHER INFORMATION

Text of R phrases mentioned in Section 2

R22

Harmful if swallowed

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