

MATERIAL SAFETY DATA SHEET

Science Kit
& Boreal
Laboratories

10000 100th Ave. NE
Bellevue, WA 98004

also 87 CATHARTIC OUTLETS 123 374 - SAN LUIS OBISPO, CA 95022

L6300
MSDS No. 83280-03
Effective Date 4/11/88

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Litmus Indicator Solution, 0.5% (aq)	CHEMTREC 800-424-9300 Day (800) 256-2586 HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4
Chemical Synonyms	Azolitmin Solution	
Formula	See Section II	
TECS #	—	
C.A.S. No.	See Section II	

SECTION II HAZARDOUS INGREDIENTS OF MIXTURES

Principal Hazardous Component(s)	%	TLV Units
Litmus 1393-92-6	0.5	NE
Water	balance	
NA = Not Applicable		
NE = None Established		

SECTION III PHYSICAL DATA

Melting Point (°F)	~0°C	Specific Gravity (H₂O = 1)	~1
Boiling Point (°F)	~100°C	Percent Volatile by Volume (%)	NA
Vapor Pressure (mm Hg)	NA	Evaporation Rate (= 1)	NA
Vapor Density (Air = 1)	NA		
Solubility in Water	NA		
Appearance and Odor	Blue Solution, slight odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	NA	Flammable Limits in Air % by Volume	Lower	Upper
Extinguisher Media	Use any medium suitable for extinguishing supporting fire.			

SPECIAL FIREFIGHTING PROCEDURES

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with a full facepiece operated in the pressure demand or other positive pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Not considered to be a fire/explosion hazard.

C.O.T.	Not Regulated
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Approved by U.S. Department of Labor "essentially similar" to form OSHA-174

SECTION V HEALTH HAZARD DATA

Threshold Limited Value See Section II

Effects of Overexposure

Acute: Irritation possible to skin, eye

Emergency and First Aid Procedures

Skin: Wash exposed area with soap and water.
Eyes: Wash eyes with plenty of water. If irritation occurs, get medical attention. If necessary, require first aid measures. Ingestion: Drink two glasses of water and sucking first aid kit. If unconscious, call a physician.

SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid
	Stable	X

Incompatibility (Materials to avoid)

None known

Hazardous Decomposition Products

None known

Hazardous Polymerization

May Occur	Will Not Occur	Conditions to Avoid
	X	

SECTION VII SPILL OR LEAK PROCEDURE

Steps to be taken in case material is released or spilled

Dilute with water.

Waste Disposal Method

Flush to drain with excess water.

Discharge, treatment, or disposal may be subject to federal, state, or local laws.

SECTION VIII SPECIAL PROTECTION

Respiration Protection (Specify Type)	None needed		
Ventilation	Local Exhaust	Mechanical (General)	Eye
	X	X	
Protective Gloves	Vinyl or Rubber		
Other Protective Equipment	Lab coat		

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing

Store in a cool location.

Keep container tightly closed when not in use.

Other Precautions

Read label on container before use.

Conditions Aggravated/Target Organs: None known.

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

Rev. No.	2	Date	4/11/88	Approved
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