MATERIAL SAFETY DATA SHEET

Science Kit & Boreal Laboratories

L6300

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

SECTION I NAME

Product	Litmus Indicator Solution, 0.5% (aq)
Chemical Synonyms	Azolitmin Solution
Formula	See Section II
RTECS #	—
C.A.S. No.	See Section II

24 HOUR EMERGENCY ASSISTANCE

CHEMTREC
800-424-9300
Day (800) 256-2586

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

HAZARD RATING

LEAST	SLIGHT	MODERATE	HIGH	EXTREME
0	1	2	3	4

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 ($H_2O = 1$)	~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.

D.O.T.: Not Regulated

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, ey

Emergency and First Aid Procedures: Skin: Wash exposed area with soa Eyes: Wash eyes with plenty of wa eyelids occasionally. Get medical require first aid measures. Ingesti two glasses of water and sticking fi unconscious person. Call a physic

SECTION VI REACTIVITY DATA

Stability			Conditions to Avoid
	Unstable		
	Stable	X	

Incompatibility (Materials to avoid): None known

Hazardous Decomposition Products: None known

Hazardous Polymerization		Conditions to Avoid
May Occur	Will Not Occur	
	X	

SECTION VII SPILL OR LEAK PROCE

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 l

SECTION VIII SPECIAL PROTECTION

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

Conditions Aggravated/Target Organs: None known.

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

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

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