

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200
Standard must be consulted for specific requirements.

IDENTITY: SIGNAL™ BLUE EZ SOLUPAK - BLUE SPRAY PATTERN INDICATOR IN WATER-SOLUBLE PACKETS

SECTION I

MANUFACTURER'S NAME:

Precision Laboratories, Inc.

P. O. Box 127

Northbrook, IL 60065

EMERGENCY PHONE NUMBER:

800-323-6280

800-424-9300 (Chemtrec - 24 hrs.)

DATE PREPARED: *2/1/93* **SUPERSEDES:** *3/4/91*

SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS #</u>	<u>PERCENT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
<i>None.</i>				

HAZARD CLASSIFICATION: *None.*

HMIS RATING: *0-0-0-X*

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

	<u>PVA FILM</u>	<u>DYE POWDER</u>
BOILING POINT: (° F)	<i>None (Solid)</i>	<i>N/A</i>
VAPOR PRESSURE (mm HG):	<i>None (Solid)</i>	<i>N/A</i>
VAPOR DENSITY (AIR=1):	<i>None (Solid)</i>	<i>N/A</i>
SOLUBILITY IN WATER:	<i>Soluble</i>	<i>Soluble</i>
APPEARANCE AND ODOR:	<i>Clear - None</i>	<i>Dark Red-Blue Dustless Powder</i>
SPECIFIC GRAVITY (H₂O=1):	<i>1.265 - 1.253</i>	<i>N/A</i>
EVAPORATION RATE (VS. H₂O)	<i>None (Solid)</i>	<i>N/A</i>

SECTION IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (METHOD USED)	<i>None</i>	<i>N/A</i>
EXTINGUISHING MEDIA:	<i>CO₂, Water</i>	<i>CO₂, Water Fog, Dry Chemical</i>
SPECIAL FIRE-FIGHTING PROCEDURES:	<i>None</i>	<i>None</i>
UNUSUAL FIRE AND EXPLOSION HAZARDS:	<i>None</i>	<i>None</i>

SECTION V - REACTIVITY DATA

STABILITY	<i>Stable</i>	<i>Stable</i>
HAZARDOUS POLYMERIZATION:	<i>Will not occur</i>	<i>Will not occur</i>
HAZARDOUS DECOMPOSITION PRODUCTS:	<i>None</i>	<i>Burning may yield carbon monoxide</i>
CONDITIONS TO AVOID:	<i>None</i>	<i>None known</i>

SECTION VI - HEALTH HAZARD DATA

	<u>PVA FILM</u>	<u>DYE POWDER</u>
ROUTES OF ENTRY:	N/A	N/A
SIGNS AND SYMPTOMS OF EXPOSURE:	N/A	Exposed skin areas may be temporarily stained by this product.
CARCINOGEN OR SUSPECT CARCINOGEN INGREDIENTS:		None.

SECTION VII - EMERGENCY AND FIRST AID PROCEDURES (Powder)

INHALATION: *This material is not expected to be an inhalation problem.*
EYES: *Flush with plenty of low pressure water. If irritation exists, obtain medical attention.*
SKIN: *Wash exposed skin areas with soap and water.*
INGESTION: *If large amounts of product are ingested, obtain medical attention.*

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

RESPIRATORY PROTECTION: *An approved dust respirator should be worn.*
EYE PROTECTION: *Safety goggles.*
PROTECTIVE GLOVES: *Recommended.*
OTHER PROTECTIVE CLOTHING OR EQUIPMENT *Eyewash bath.*
WORK/HYGIENIC PRACTICES: *Wash thoroughly after use.*

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: *Sweep up spilled material and discard into proper waste container. Provide adequate ventilation during cleanup. Wear proper respiratory protection.*
WASTE DISPOSAL METHOD: *Dispose of according to federal, state and local regulations.*

SECTION X - STORAGE AND HANDLING INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: *Store in dry area - protect from physical damage.*
OTHER PRECAUTIONS *In accord with good industrial practices, handle with due care and avoid personal contact.*

SECTION XI - REGULATORY INFORMATION

SARA HAZARD: *Title III, Section 313: Contains no Section 313 listed substances subject to reporting.*

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N/A - Not Available