MATERIAL SAFETY DATA SHEET

Precision Laboratories, Inc.

Updated: September 24, 2009

Product Name: SIGNAL™ SPRAY PATTERN INDICATOR

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	**SIGNAL™ SPRAY PATTERN INDICATOR**
Supplier:	PRECISION LABORATORIES, INC. 1429 S. SHIELDS DRIVE WAUKEGAN, IL 60085
Emergency telephone number:	(Chemtrec Information 24 hours) 1-800-424-9300
For MSDS, Product Safety, or Regulatory inquiries, call:	(847) 596-3001
Customer Service, call:	(800) 232-6280

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS#	OSHA PEL	ACGIH TLV	% By Wt.
None	N/A	N/A	N/A	N/A

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: **None Known**

HMIS Hazard Rating:

0	Health Hazard Rating
0	Flammability Rating
0	Reactivity Rating
X	Personal Protection

Primary Routes of Exposure:

Eyes: **Yes** Skin: **Yes** Oral: **Yes** Inhalation: **Yes**

Signs and Symptoms of Exposure:

Eye contact:	May cause irritation and reddening.
Skin contact:	May cause irritation and reddening.
Inhalation:	May cause respiratory and mucosal irritation.
Ingestion:	May cause nausea, vomiting and diarrhea.

4. FIRST AID MEASURES

FIRST AID MEASURES FOR ACCIDENTAL:

Eye Exposure: Check for and remove contact lenses. Immediately flush eyes with water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.

Skin Exposure: Wash effected area with plenty of soap and water. Cold water may be used. Get medical attention if irritation develops.

Inhalation: Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration. Get emergency medical help immediately.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Give never give fluids or force vomiting if the person is unconscious, is having convulsions or has no gag reflex. If large quantities are swallowed, get emergency medical help immediately. Medical Conditions Aggravated by Overexposure: Repeated or prolonged exposure is not known to aggravate medical condition.

5. FIRE-FIGHTING MEASURES

FIRE HAZARD DATA:

Flammability: N/A **LEL:** N/E **UEL:** N/E

Auto-ignition temperature: N/E

Flash Point: N/A °F

Extinguishing Media: Water spray, foam, CO_2, or dry chemicals may be used in areas where this product is stored.

Special Fire Fighting Procedures: Firefighters should wear NIOSHA/MSHA Approved Self-Contained breathing apparatus and full protective clothing.

Additional Fire and Explosive Data: None Known

6. ACCIDENTAL RELEASE MEASURES

Evacuate the spill area, except for cleanup personnel. Wear NIOSH/MSHA-approved respirator and protective equipment as referenced in Section 7 below. Control spill with adsorbent pads or booms. If necessary, apply granular or loose adsorbent to spill. When absorbed, sweep or otherwise collect and dispose of properly. WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

7. HANDLING, STORAGE & SPILLAGE OR LEAK PROCEDURES

Precautions to be Taken in Handling: Keep away from heat, sparks and flame. Keep container closed. Safety goggles with full-face shield and eyewash recommended. USDA-accepted Nitrile (CFR-20) or Neoprene Rubber (CFR-21) recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact. Use only with adequate mechanical exhaust ventilation. To avoid fire minimize ignition sources.

Precautions to be Taken in Storage: Product should be stored in a dry place with temperatures above 30° F. Partially used containers should be resealed between uses for maximum storage stability.

Spill or Leak Procedures: Recover free liquid. For recovery or disposal, add inert absorbent (sand, earth, sawdust, etc.) to spill area and shovel into containers for disposal. Large spills may be flushed to sewer if local authorities approve such. Product is slippery under foot; flush smooth surfaces thoroughly. Dispose of material in accordance with all federal, state and local regulations in an approved waste disposal facility.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Note: When selecting personal protective equipment and clothing, follow all of the manufacturer specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed.

Eye Protection: Wear splash-proof chemical safety goggles. Contact lenses should not be worn when working with chemicals.

Skin Protection: Wear coveralls and boots to minimize skin contact. As precautions, wash hands and face with mild soap and water before eating, drinking, smoking or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.

Inhalation Protection: Not required under normal use conditions with good ventilation. Protect against spray mists.

Other Protection: Eye wash fountains and drench showers should be located within 100 feet or a 10 second walk or the work area per ANSI Z358.1-1990. Personal Protection in Case of Large Spill: Splash goggles. Full suit. Boots, Gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance & Odor:	Deep blue liquid. No odor.
Boiling Point:	212 °F
pH:	3±9
Solubility in Water:	Complete

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable
Incompatibility:	Oxidizing Agents
Hazardous Decomposition Products:	Burning will produce oxides of carbon nitrogen and sulfur.
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	N/A

11. TOXICOLOGICAL INFORMATION

No toxicological data is available for this product.

12. ECOLOGICAL INFORMATION

No ecological data is available for this product.

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Recycle or rework material if at all possible. Incinerate material at an approved facility. Treat at an acceptable waste treatment facility, or municipal waste treatment plant after proper testing and approval waste samples in compliance with applicable federal, state and local environmental regulations.

Container Reuse: An empty container can contain product residue, and should be not reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse.

14. TRANSPORT INFORMATION

DOT Status (Highway and rail):	N/E
IATA Status (Air):	N/E

15. REGULATORY INFORMATION

SARA HAZARD:	Title III, Section 313: Contains no Section 313 listed substances subject to reporting.
AICS (Australia):	Components listed
DSL (Canada):	Components listed
EINECS (Europe):	Components listed
TSCA:	Components listed

WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, PRECISION LABORATORIES, INC., MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

N/D - Not Determined
N/A - Not Applicable
N/E – Not Established