

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: DIRECT™ - DRIFT RETARDANT/DEPOSITION AID

SECTION I

MANUFACTURER'S NAME:

Precision Laboratories, Inc.
1429 S. Shields Drive
Waukegan, IL 60085

EMERGENCY PHONE NUMBER:

800-323-6280
800-424-9300 (Chemtrec - 24 hrs.)

DATE PREPARED: 03/25/05

SECTION II - INGREDIENTS

INGREDIENT	CAS #	PERCENT (Optional)	TLV(Source)
Light Hydrotreated Petroleum Distillate	64742-47-8		400 ppm (TWA; Ceiling)

HAZARD CLASSIFICATION: None

HMIS RATING: 1-1-0-X

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: Approx. 347° F. (Oil Phase)

SPECIFIC GRAVITY (H₂O=1): 1.00 ± 0.005

VAPOR PRESSURE (mm HG): Not Determined

VAPOR DENSITY (AIR=1): Not Determined

EVAPORATION RATE (vs. H₂O): Slower

SOLUBILITY IN WATER: (10% Form as Gel) Partial

pH: N/A

APPEARANCE AND ODOR: White liquid emulsion with slight organic odor.

SECTION IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (T.C.C.): Above 200 ° F.

FLAMMABLE LIMITS:

LEL: 0.9% (Estimate)

UEL: N/A

EXTINGUISHING MEDIA: Use carbon dioxide, dry chemical for small fires and fog or foam for large fires.

SPECIAL FIRE FIGHTING PROCEDURES: Do not enter confined fire-spaces without protective clothing and self-contained air supply.

UNUSUAL FIRE AND EXPLOSION HAZARDS: When exposed to extreme heat, closed containers may rupture due to buildup of pressure. Water can cause extremely slippery floor surfaces.

SECTION V - REACTIVITY DATA

STABILITY

UNSTABLE _____

STABLE _____ X _____

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion products may include ammonia and oxides of carbon and nitrogen.

SECTION VI - HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: EYES: *Yes* SKIN: *Yes* INGESTION: *N/A* INHALATION: *Yes***SIGNS AND SYMPTOMS OF OVEREXPOSURE (Acute):** *Prolonged or repeated contact with eyes can cause eye irritation. Eye damage is possible if contact is prolonged. Prolonged or repeated contact with skin may cause moderate irritation, drying or cracking of skin (dermatitis). Excessive inhalation of petroleum distillate vapors can cause eye and throat irritation, dizziness, drowsiness, headache and nausea.***SIGNS AND SYMPTOMS OF OVEREXPOSURE (Chronic):** *None currently known.***MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:** *Breathing vapors or mists may aggravate pre-existing asthma or other lung disorders.***CARCINOGEN OR SUSPECT CARCINOGEN INGREDIENTS:** *None.*

SECTION VII - EMERGENCY AND FIRST AID PROCEDURES

EYES: *Flush eyes with water for at least 15 minutes and call a physician immediately.* **SKIN:** *Wash affected areas with large amounts of soap and water. If irritation persists, call physician.* **INGESTION:** *DO NOT induce vomiting. Get medical attention. (Aspiration Hazard).* **INHALATION:** *Move to fresh air. Administer artificial respiration, if required. Get medical assistance.*

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

RESPIRATORY PROTECTION: *If misting condition exists, wear NIOSH-approved mist respirator. Ventilate to control vapors below indicated TLV.***VENTILATION REQUIREMENTS:**

LOCAL EXHAUST	_____ X _____
MECHANICAL EXHAUST	_____

EYE PROTECTION: *Safety Glasses/Goggles***PROTECTIVE GLOVES:** *Rubber/PVC***OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** *Coveralls, apron and foot coverings. Safety showers and eye wash should be available.*

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: *Ventilate area and remove ignition sources. Dike spill and collect for disposal. Absorb residues with inert material and collect for disposal. Prevent polymer and washings from entering surface waters. Wet polymer may cause very slippery conditions. Do not spray water into a spill because resulting gel is very difficult to clean up.***WASTE DISPOSAL METHOD:** *Dispose of in an approved waste facility according to federal, state and local regulations. Material is not RCRA Hazardous.*

SECTION X - STORAGE AND HANDLING INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: *Product and its solutions are extremely slippery. Keep from freezing. Follow label directions as to use exactly - overuse of product may result in an extremely viscous solution or gel which is very difficult to handle or process. Store product away from all bodies of water, or water sources, sewers or drains. Wash thoroughly after handling.*

SECTION XI - REGULATORY INFORMATION

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

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