

MATERIAL SAFETY DATA SHEET

Poly Pretreat

1. Production Information

Product Name: Poly Pretreat
Chemical family/Product type: Ink jet pretreatment; water based; non-flammable
Manufacturer: Atlas Screen Supply Company
Address: 9353 Seymour Avenue
Schiller Park, IL 60176
Emergency Phone Number: CHEMTREC: 1-800-424-9300
CAS Number: Mixture/ Trade Secret

2. Composition

Hazards Identification	Weight %	Toxicity Data		
Water CAS# 7732-18-5	> 60	ACGIH TLV Not Established	OSHA PEL Not Established	Oral Rat LD50 Not Established
Chemical solution Proprietary	< 15	ACGIH TLV Not Established	OSHA PEL Not Established	Oral Rat LD50 2500 mg/kg
Sodium chloride	<05	ACGIH TLV Not Established	OSHA PEL Not Established	Oral Rat LD50 3,000 mg/kg

3. Physical Data

Appearance: Clear pale yellow liquid
Solubility in Water: Miscible
Freezing Point: Not Established.
Boiling Point: Not Established.
PH (100%): 8.0 – 12.0
Specific Gravity, 25 C: 1.00 - 1.06
Viscosity, cps @ 25 C: 1.0-3.0
Flash Point, C: Greater than 100°C but not established.

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4. Hazards

Skin:	Repeated contact may cause irritation.
Eyes:	May cause chemical burn in eye, allergic reaction, irritation.
Respiratory System:	No specific information.
Ingestion:	No specific information.
Chronic:	No specific information.
Physical and Chemical Hazards:	None known.
Adverse Human Health Effects:	May be toxic if swallowed and irritation to eyes and skin.
Environmental Effects:	May be harmful to aquatic organisms.

5. First Aid

Skin:	Remove clothing that the fluid comes in contact with and wash with soap and water and rinse thoroughly.
Eyes:	Flush eyes and under eyelids for 15 minutes with water. Seek medical attention to be treated by physician.
Inhalation:	Move to fresh air. Seek medical attention if irritation persists.
Ingestion:	Rinse mouth with water and seek medical attention to be treated by physician.

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6. Fire Fighting Measures

Extinguishing Media:	Water Spray, carbon dioxide, dry chemical.
Hazardous Combustion Products:	Material may burn in fire conditions releasing Products which may be toxic (SO ₂ CO,CO ₂ , and volatile organics).
Fire Fighting Procedures:	Wear approved MSHA/NIOSH breathing apparatus and full protective clothing.

7.Exposure Controls/Personal Protection

In accordance with good industrial practices, handle with care and avoid personal contact.

Wear protective gloves, safety goggles, and other protective clothing.

Avoid contact with skin, eyes, and clothing.

Mechanical exhaust required.

Irritant.

Keep tightly closed.

Keep from freezing.

8.Reactive Data

Stability:	Stable
Incompatibility:	Strong Oxidizing agents, Strong Acids
Hazardous Decomposition Products:	Carbon monoxide, Carbon Dioxide, Sulfur Oxides.

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9. Accidental Release

Spill Response:	Collect spilled material and wash area with water.
Neutralizing Chemicals:	None Required
Waste Disposal:	Follow all federal, state and local Regulations

10. Regulatory Information

CALIFORNIA PROPOSITION 65: This product contains no chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

SARA Title III 311/312: This product has been reviewed according to the EPA Hazard Categories promulgated under section 311 and 312 of SARA TITLE III, and is considered, under applicable definition, to be an immediate/acute health hazard.

EEC SYMBOLS AND INDICATIONS OF DANGER: None

R-PHRASES: R36/38 – Irritating to eyes and skin.

S-PHRASES: S24/25 – AVOID CONTACT WITH SKIN AND EYES.

WHMIS HAZARD SYMBOLS: None

TOXIC Substance Control Act Status

All ingredients are listed on the Environmental Protection Agency's Toxic Substance Control Act (TSCA) Inventory.

11. Transport Information

DOT: Proper Shipping Name: Liquid fabric pretreatment.

Non-Hazardous for Transport: This substance is considered to be nonhazardous for transport and not regulated under DOT, IATA, ADR, or RID.

12. Other

The above information is believed to be correct but does not purport to be all-inclusive and shall only be used as a guide. Spectracorp offers this information as a service to our customers and shall not be held liable for any damage resulting from handling or from contact with the above product.

END OF MSDS