SAFETY DATA SHEET
Pearl Base Extender

SECTION 1 - IDENTIFICATION

Pearl Base Extender
Water Based Inks

PRO CHEMICAL & DYE
126 Shove Street
Fall River, MA  02724
508-676-3838
800-255-3924 ChemTel. (United States)
+ 1  01  813-248-0585 (Outside the United States)

SECTION 2 - HAZARDS IDENTIFICATION

GHS Classification
Not Classified.

GHS label elements
None.

Signal word:
None.

Hazard statements
No known significant effects or critical hazard.

Precautionary statements
Wear eye or face protection. Wear protective gloves.
Avoid breathing vapor. Wash hands thoroughly after handling.
Contaminated clothes should not be allowed out of the work place.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses. Continue to rinse for at least 10 minutes.
IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. IF skin irritation or rash occurs. Get medical attention.
Dispose of contents and container in accordance with all local, regional, national and international regulations.

Response:
This product may cause eye and skin irritation after prolonged exposure.

Disposal:
Not Applicable.

Storage:
Not otherwise classified.

SECTION 3 - COMPOSITION INFORMATION ON INGREDIENTS

Substance/mixture: Mixture.

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS#</th>
<th>Weight (%)</th>
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</thead>
<tbody>
<tr>
<td>Propylene Glycol</td>
<td>57-55-6</td>
<td>&lt;2.0</td>
</tr>
</tbody>
</table>

Amounts specified are typical and do not represent a specification. Remaining components are non hazardous and/or present at amounts below reportable limits.
SECTION 4 - FIRST AID MEASURES

Eye contact:
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Remove contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Skin contact:
Wash skin with soap and water. Remove severely contaminated clothing and clean before reuse. Seek medical attention in the unlikely event that irritation occurs.

Inhalation: Remove to fresh air. Get medical attention if breathing is difficult.

Ingestion: Get immediate medical attention. Do not give anything by mouth to an unconscious person. Do not induce vomiting.

Most important symptoms/effects—acute and delayed:
Eye contact: May cause eye irritation.
Skin contact: May cause an allergic skin reaction.
Ingestion: May cause slight irritation to mouth, throat and stomach.
Inhalation: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Recommendations for immediate medical care:
In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposure person may need to be kept under medical surveillance for 48 hours.

Specific treatments:
No specific treatment.

SECTION 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray, foam, carbon dioxide or dry chemical.

SPECIAL FIREFIGHTING PROCEDURES:
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Wear self contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARD: Fire or excessive heat may produce hazardous decomposition products.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe. Provide adequate ventilation. Wear appropriate personal protective equipment (See Section 8).

Environmental precautions:
Avoid dispersal or spilled material and runoff and contact with soil, waterways, drains, and sewers.

Methods and materials for containment and cleaning up:
Small spill: Move containers from spill area. Absorb spill with an inert material. Place spilled material in a designated, labeled waste container.
Large spill: Move containers from spill area. Prevent entry into sewers, water courses, basements or confined spaces. Impervious clothing should be worn. Absorb spill with an inert material. Placed spilled material in a designated, labeled waste container. Dispose in accordance with federal, state, and local requirements.
SECTION 7 - HANDLING AND STORAGE

Handling:
Avoid employee exposure through the use of appropriate engineering controls, adequate personal protective equipment, and good industrial hygiene practices. Wash thoroughly after handling. Handle in well ventilated work space.

Storage:
Store in a moderate cool, dry, well-ventilated area away from direct sources of heat. Avoid freezing (32 F). Keep container tightly closed and sealed until ready for use. Empty containers may contain product residues and should be handled accordingly.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:
The use of local exhaust ventilation is recommended to control emissions near the source. Additional engineering controls should be used as necessary.

Personal Protection:
Wash hands, forearms and face thoroughly after handling chemical products, before eating, drinking, smoking and using the lavatory and at the end of the working period. Safety glasses with side shields, or goggles, are recommended. Impervious clothing should be worn when gross contact is likely, such as when cleaning up large spills. Respiratory protection is generally not required. Any contaminated clothing should be removed and laundered.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:
Physical state: Paste
Color: Silver Pearl
Odor: Slight
Odor threshold: Not Applicable
Ph: Not Available
Melting point: Not Available
Boiling point: Not Available
Flash point: Not Available
Evaporation rate: Slower than Butyl Acetate
Flammability ( solid, gas): Not Available
Lower and upper explosive (flammable) limits: Not tested
Total Volatility (%): 74+/-2
Vapor Pressure: (mm of Hg): Not Available
Vapor Density (Air=1): Not Available
Density (lbs/gal): Not Available
Solubility in H2O: Dispersible
Partition coefficient: n-octanol/water: Not Applicable
Auto-Ignition temperature: Not Applicable
Viscosity (Brookfield): Not Available

SECTION 10 - REACTIVITY AND STABILITY

Stability:
This product is stable under normal conditions of storage and use.

Materials/Conditions to avoid:
Excessive heat and freezing.

Hazardous Decomposition:
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Hazardous Polymerization:
None.
SECTION 11 - TOXICOLOGICAL INFORMATION

Acute (Short Term) Toxicity:
No known significant effects or critical hazards.

Chronic (Long Term) Toxicity:
No known significant effects or critical hazards.

Mutagenicity:
No known significant effects or critical hazards.

Carcinogenicity:
No known significant effects or critical hazards.

Routes of Potential Exposure:
Ingestion
Eye Contact
Skin Contact
Inhalation

Potential acute health effects
May cause slight irritation to mouth, throat and stomach.
May cause eye irritation.
May cause an allergic skin reaction.
Exposure to decomposition products may cause a health hazard.
Serious effects may be delayed following exposure.

SECTION 12 - ECOLOGICAL INFORMATION

Toxicity:
This product has not been evaluated for its ecotoxicity.

Persistence and degradability:
Not available.

Bioaccumulative potential:
Not available.

Mobility in soil:
Not available.

Other adverse effects:
No known significant effects on critical hazards.

SECTION 13 - DISPOSAL CONSIDERATIONS

General:
This product must be disposed of in accordance with all applicable federal, state and local regulations.

Waste Management:
Incineration or landfilling are recommended disposal techniques. Contact your state or local environmental agency for specific rules.

SECTION 14 - TRANSPORTATION INFORMATION

UN number: Not Classified
UN proper shipping name Not Classified
Transport hazard class(es) Not Classified
Packing group Number Not Classified
Environmental hazards Not Classified
US DOT: Not regulated
IMO (Sea) Not regulated
IATA (Air) Not regulated

Transport in bulk according to Annet II of MARPOL 73/78 and the IBC Code:
Not applicable.

Additional information:
Not applicable.

Special precautions:
Not applicable.
Not applicable.
SECTION 15 - PRODUCT REGULATORY INFORMATION

USA TSCA STATUS: All of the ingredients of this material have been reported to the U.S. EPA and are included in the Toxic Substance Control Act (TSCA) Chemical Inventory.

US Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Reportable Quantity (RQ)
None (Not regulated)

U.S. Superfund Amendments and Reauthorization Act (SARA):
SARA 313 None

California Proposition 65: To the best of our knowledge, this product complies with all Federal and State laws and regulations governing its manufacturing, distribution, and intended use.

Canada Inventory (DSL): In compliance.

Toxic in packaging (CONEG): In compliance.

SECTION 16 - OTHER INFORMATION

HMIS (Hazardous Materials Identification System) Rating:

<table>
<thead>
<tr>
<th>HMIS Rating</th>
<th>Legend</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>GHS</td>
<td>Globally Harmonized System of Classification and Labelling of Chemicals.</td>
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<tr>
<td>3</td>
<td>DOT</td>
<td>Department Of Transportation</td>
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<tr>
<td>2</td>
<td>IATA</td>
<td>International Air Transport Association.</td>
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<tr>
<td>1</td>
<td>IMDG</td>
<td>International Maritime Dangerous Goods.</td>
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<tr>
<td>0</td>
<td>IBC</td>
<td>Intermediate Bulk Container</td>
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<tr>
<td></td>
<td>MAR POL 73/78</td>
<td>International Convention for the Prevention of Pollution From Ships.</td>
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Preparation Date August 05, 2019
Revision Date
Revision Notes

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