

## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT / COMPANY INFORMATION

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#### 1.2 Plastic Prep (Water-based Cleaner/Degreaser)

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

#### 2.1 Ingredients

Component	CAS Number	Percent
1. Surfactant Blend	Proprietary Mixture	0.1-5%

#### 2.2 Acute Toxicity Data

Acute Oral LD50	Acute Dermal LD50	Acute Inhalation LC50
1. Not Established	Not Established	Not Established

### 3. HAZARDS IDENTIFICATION

- 3.1 EYE CONTACT- Product may cause mild irritation and/or temporary redness.
- 3.2 SKIN CONTACT- Brief contact is not irritating.
- 3.3 INHALATION- May cause irritation to respiratory tract and mucous membranes.
- 3.4 INGESTION- May cause gastrointestinal distress if ingested in large quantities.
- 3.5 AGGRAVATED MEDICAL CONDITIONS- None identified.

### 4. FIRST AID MEASURES

- 4.1 EYE CONTACT- Flush eyes with large amounts of water. Seek medical attention if irritation persists.
- 4.2 SKIN CONTACT- Wash well with mild soap and water. Seek medical attention if irritation persists.
- 4.3 INHALATION- If signs or symptoms occur, remove person to fresh air. If signs or symptoms continue, seek medical attention.
- 4.4 INGESTION- Do not induce vomiting. Drink two glasses of water. Seek medical attention if in distress. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

### 5. FIRE FIGHTING MEASURES

- 5.1 FLAMMABILITY- Non-flammable as supplied.
- 5.2 FLASHPOINT- Not applicable.
- 5.3 AUTO-IGNITION TEMPERATURE- Not applicable.
- 5.4 LEL/UEL- Not applicable.
- 5.5 EXTINGUISHING MEDIA- Not applicable.
- 5.6 MEDIA TO AVOID- Not applicable.
- 5.7 UNUSUAL FIRE OR EXPLOSION HAZARDS- None.
- 5.8 HAZARDOUS COMBUSTION PRODUCTS- Not established.
- 5.9 FIRE FIGHTING EQUIPMENT- Full protective equipment including self contained breathing apparatus. If protective equipment is not available, fight fire from a protected location or safe distance.

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## **6. ACCIDENTAL RELEASE MEASURES**

- 6.1 ACCIDENTAL RELEASE- Wear protective clothing. Take up with absorbent material such as sand or sawdust. Place in closable containers. Flush contaminated area with water.

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## **7. HANDLING AND STORAGE**

- 7.1 HANDLING- Avoid contact with eyes and skin. Use with good ventilation. Wash thoroughly after handling.  
7.2 STORAGE- Avoid freezing. Keep out of the reach of children.

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## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- 8.1 RESPIRATORY PROTECTION- Not normally required. Provide good ventilation in work areas.  
8.2 EYE PROTECTION- Avoid eye contact. Safety glasses with side shields.  
8.3 SKIN PROTECTION- Gloves: Disposable, Nitrile or Latex.  
8.4 VENTILATION- Use adequate local exhaust ventilation.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

- 9.1 PHYSICAL STATE- Water thin liquid.  
9.2 COLOR- Clear, water-white.  
9.3 ODOR- Mild detergent.  
9.4 BOILING POINT- >100° C  
9.5 FREEZING POINT- 0° C  
9.6 SOLUBILITY IN WATER- Complete  
9.7 SPECIFIC GRAVITY (WATER=1)- 1.020 +/- 0.020  
9.10 VAPOR PRESSURE (mm/Hg)- < 0.1  
9.11 VAPOR DENSITY (Air = 1)- > 1  
9.12 EVAPORATION RATE (Water = 1)- >1  
9.13 pH VALUE- 7.0-9.0 as supplied.  
9.14 COEFFICIENT OF OIL/WATER DISTRIBUTION- Not established.

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## **10. STABILITY AND REACTIVITY**

- 10.1 STABILITY- Stable.  
10.2 REACTIVITY- Hazardous Polymerization will not occur.  
10.3 MATERIALS TO AVOID- Avoid mixing with acids, bases or water reactive materials.

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## **11. TOXICOLOGICAL INFORMATION**

- 11.1 TOXICITY- Practically non-toxic as supplied. Plastic Prep is expected to have an oral LD50 of > 20gm/kg/rat based on comparison to similar products.

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## **12. ECOLOGICAL INFORMATION**

- 12.1 BIODEGRADABILITY- This product is readily biodegradable and meets the Royal Enactment dated Oct.25/1988 and the EC directives 73/404/EC, 73/405/EC, 82/242/EC, 82/243/EC and 86/94/EC concerning biological degradability of surface active substances.  
12.2 AQUATIC TOXICITY- EC50/LC50 (48h) Crustacean : 15mg/150mg/L  
EC50/LC50 Algae : 15mg/150mg/L

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### **13. DISPOSAL CONSIDERATIONS**

- 13.1** Dispose of material in accordance with all Federal, State and local environmental regulations. It is the responsibility of the end user to be in compliance with the regulations presently in force.

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### **14. TRANSPORT INFORMATION**

- 14.1** CANADIAN TGD CLASSIFICATION- Not Regulated  
**14.2** U.S.(DOT) REGULATIONS- Not to have met any SARA Hazard Category  
**14.3** OTHER INFORMATION- Plastic Prep does not constitute a hazardous substance in national or international road, rail, sea and air transport.

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### **15. REGULATORY INFORMATION**

- 15.1** Ozone-Depleting Chemicals - No regulated ingredients.  
**15.2** SARA Section 302 Extremely Hazardous Material - No regulated ingredients.  
**15.3** SARA Section 313 Toxic Chemicals - No regulated ingredients.  
**15.4** EINECS - All ingredients listed or exempt.  
**15.5** EC LABELLING DIRECTIVES - The product does not require a hazard warning label in accordance with EC directives.

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### **16. OTHER INFORMATION**

- 16.1** European Economic Community (EEC)

**EINECS Master Inventory** - All ingredients included or exempt.  
**EEC Symbol** -  
**EEC Risk (R) Phrases** -  
**EEC Safety Phrases** -

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**BE SAFE:**

**READ OUR PRODUCT SAFETY INFORMATION AND PASS IT ON**