



### MATERIAL SAFETY DATA SHEET

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** **DIRECT PREP 2**  
**General Use:** Degreasing cleanser and wetting agent for screen-printing mesh.  
**Manufacturer:** SAATI  
201 Fairview St. Ext. Fountain Inn, SC. 29644  
Tel: 1-864-601-8300  
Fax: 1-864-862-0089  
Hours: Monday-Friday 8:30am – 5:00pm  
<http://msds.saatiexpress.com>

**Emergency Telephone Number:** INFOTRAC 800-535-5053 or 352-323-3500, 24-hours everyday

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	% Less Than	CAS Number	OSHA PEL	ACGIH TLV
DI Water	97.0%	7732-18-5		
Xanthan Gum	2%	11138-66-2		
2-Bromo-2-nitro-1, 3- propanediol	1%	52-51-7		

#### 3. HAZARDS IDENTIFICATION

**Warning** – Do not ingest. May irritate eyes. Prolonged exposure may cause skin irritation. As supplied this product does not pose a health hazard.

**Medical conditions generally aggravated by exposure:** Dermatitis.

**Symptomatic routes of exposure:**

**Skin Contact:** Prolonged exposure may cause irritation.

**Eye Contact:** Direct exposure may cause irritation and tearing.

**Inhalation:** N/A

**Ingestion:** Large quantities may cause gastro-intestinal irritation.

#### 4. FIRST AID MEASURES

**Eyes:** Irrigate with water for 15 minutes. Seek medical advice if irritation persists.

**Skin:** Wash with soap and water. Wash contaminated clothing separately before using them again.

**Ingestion:** Drink plenty of water, seek medical attention and treat symptomatically. Do not give anything by mouth to an unconscious person.

**Inhalation:** N/A

#### 5. FIRE FIGHTING MEASURES

**Flash Point / Method:** N/A

**Flammable Limits:** N/A

**Extinguishing Media:** Water spray to cool containers.

**Autoignition Temperature:** N/A

**Protection of Fire Firefighter:** Wear self contained breathing apparatus and protective clothing.

**Fire & Explosion Hazards:** None, product will not burn.

#### 6. ACCIDENTAL RELEASE MEASURES

**Small spill:** Collect spilled material and transfer to proper disposal site.

**Large spill:** Absorb with sand or other inert material and transfer to proper disposal site.

#### 7. HANDLING AND STORAGE

Store in dry, cool conditions and in the original containers. Gloves, dust mask, and goggles may be worn as a practice of good industrial hygiene.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Follow the good industrial hygiene practices adopting suitable individual protective measures such as gloves and goggles. Do not eat or smoke while handling the product. Wash hands before eating and at the end of the work shift.

**Respiratory Protection:** Not required

**Skin Protection:** PVC/ Latex recommended.

**Eye Protection:** Goggles/ safety glasses recommended.

**Other:** Apron recommended.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Viscous liquid.

**Appearance:** Blue

**Odor:** Faint

**Vapor Pressure:** as water

**Specific Gravity:** 1.00 kg/L @ 20°C

**Solubility in Water:** miscible

**pH:** 3.0-5.0

**Vapor Density:** <1

**Evaporation Rate:** <1

**Boiling Point:** 100°C

**Melting Point:** 0°C

**Percent Volatiles:** 95

**Volatile Organic Compounds:** 0 g/L

**10. STABILITY AND REACTIVITY**

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

**Conditions to avoid:** Heat.

**Materials to avoid:** Water sensitive materials.

**Hazardous decomposition products:** None.

**Hazardous polymerization:** Will not occur.

**Explosion Data:** None.

**11. TOXICOLOGICAL INFORMATION**

According to currently available data, this product has not produced health damages. However, it should be handled according to good industrial practices.

**Carcinogenicity:** No

**Acute Toxicity Data:** LD<sub>50</sub>: N/D; LC<sub>50</sub> : N/D

**12. ECOLOGICAL INFORMATION**

Neutralize with soda ash or sodium bicarbonate before washing away with large quantities of water.

**13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with all current local, state, and federal regulations.

**14. TRANSPORT INFORMATION**

**US DOT:** Not Regulated

**Transport Canada:** Not Regulated

**IATA:** Not Regulated

**IMO:** Not Regulated

**ADR:** Not Regulated

**RID:** Not Regulated

**IMDG:** Not Regulated

**15. REGULATORY INFORMATION**

**US Federal Regulations**

**TSCA:** All components of this product are listed on the TSCA Inventory.

**CERCLA (40 CFR 117.302):** This material contains no Reportable Quantity (RQ) Substances.

**SARA Title III (40 CFR 372)**

**Section 311/312 Hazard Categories:** None.

**Section 313 Reportable Ingredients:** None.

**US State Regulations**

**Pennsylvania Right-To-Know Act reportable components:** None.

**California Proposition 65 reportable components:** None.

**Canadian Regulations**

**DSL:** All components of this product are listed on the Domestic Substances List.

Danger labeling under regulations 67/548/CEE and 1999/45/CE and following amendments and adjustments.

Workers exposed to this chemical agent do not need to undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/CE regulation is respected.

**16. OTHER INFORMATION**

**HMIS Rating:** Health-0, Fire-0, Reactivity-0



Personal Protection-B

Safety Glasses Gloves

**MSDS prepared by:** Kathy Tylka, Regulatory Affairs Coordinator

**Revision Date/Revision History:** January 27, 2006

May 13, 2009

November 3, 2011 – Section 1: new address

January 17, 2014 - Logo

**Note for users:**

The information contained in the present sheet is based on our knowledge, on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.