



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: DIRECT PREP 1
General Use: Abrasive cleaner 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	Percentage	CAS Number	OSHA PEL	ACGIH TLV
DI Water	85.0%	7732-18-5		
Aluminum Oxide	15.0%	1344-28-1		

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, semi-gel.

Appearance: Blue

Odor: Faint

Vapor Pressure: as water

Specific Gravity: 1.15 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: 78

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: LD₅₀: N/D; LC₅₀ : 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.