



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** VITRUM HHU BLUE

**General Use:** Liquid emulsion for producing screen printing stencils.

**Manufacturer:** SAATlchem  
2050 Hammond Dr. Schaumburg, IL 60173  
Tel: 1-847-925-8570 (Monday-Friday 8:30am – 5:00pm CST)  
Fax: 1-847-925-9278  
www.saatiamericas.com

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

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | Percentage | CAS Number | OSHA PEL | ACGIH TLV |
|---------------|------------|------------|----------|-----------|
| None          |            |            |          |           |

\*\*\*The specific chemical identity and/or weight percent is being withheld as a trade secret

### 3. HAZARDS IDENTIFICATION

#### Emergency Overview

No evidence of health danger has been reported

#### Potential Health Effects

**Eye:** Direct exposure any cause slight irritation.

**Skin:** Prolonged exposure may cause slight irritation

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

**Inhalation:** N/A

**Chronic Effects:** N/A

**Carcinogenicity:** N/A

### 4. FIRST AID MEASURES

No episodes of damage to health ascribable to the product have been reported. Nevertheless, observance of good industrial hygiene is recommended.

**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 – to cool fire exposed containers, dry chemical, foam, CO<sub>2</sub>.

**Protection of Fire Firefighter:** Ordinary fire protection equipment.

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

## 6. ACCIDENTAL RELEASE MEASURES

**Small spill:** Flush to waste with large quantities of water.

**Large spill:** Eliminate with ignition sources. Absorb spill with inert material (e.g., dry sand or earth). Retain for proper removal and treatment.

## 7. HANDLING AND STORAGE

Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Keep container tightly closed. Use with adequate ventilation. Do not take internally.

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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Good general ventilation should be sufficient to control airborne levels.

**Respiratory Protection:** This material does not have established exposure limits. Wear a positive-pressure air-supplied respirator in situations where there may be potential for airborne exposure.

**Skin Protection:** Neoprene gloves

**Eye Protection:** Safety goggles

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Viscous liquid.

**Appearance:** Blue

**Odor:** slight

**Vapor Pressure:** N/A

**Specific Gravity:** 1.050 kg/L @ 20°C

**Solubility in Water:** Partially water soluble and partially solvent soluble.

**pH:** 4.0-6.0

**Vapor Density:** N/A

**Evaporation Rate:** N/A

**Boiling Point:** >100°C

**Melting Point:** 0°C

**Percent Volatiles:** >50

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

## 10. STABILITY AND REACTIVITY

**Stability/Conditions to avoid:** stable

**Materials to avoid:** Strong oxidizing agents, acids, ammonia.

**Hazardous decomposition products:** Carbon dioxide, carbon monoxide, hydrogen chloride gas, chlorine, sodium, sodium oxides

**Hazardous polymerization:** Will not occur

## 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.

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

## 12. ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment.

### 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

### 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.

### 16. OTHER INFORMATION

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

Personal Protection-B    
Safety Glasses Gloves

**MSDS prepared by:** Joey Mucha, Regulatory Affairs Coordinator

**Preparation Date:** March 15, 2005

**Revision Date:** May 13, 2009

#### 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.