



# SDS - Safety Data Sheet

## Product Name: MIKROSIL - Catalyst

SDS No.: MIKROSIL

### I. Basic Information:

**Manufacturer:** Kjell Carlsson Innovation

**Address:** Rinkebyvagen 18, Sundbyberg, Sweden

**City, ST Zip:**

**Emergency Contact:** Chemtrec

**Emergency Telephone Number:** 800-424-9300

**Contact:** Sirchie Finger Print Labs

**Information Telephone Number:** 800-356-7311

**Last Update:** 12/09/2004

**Expiration Date:**

**Chemical State:**  Liquid  Gas  Solid

**Chemical Type:**  Pure  Mixture

**Distirbutor:** Arrowhead Forensics

**Address:** 11030 Strang Line Road

**City, ST Zip:** Lenexa, KS 66215

**Telephone:** (913) 894-8388

**Website:** www.arrowheadforensics.com



2	Health
1	Flammability
0	Reactivity
G	Pers. Protection

### II. Ingredients:

Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
	Alkyl silicate	<20%									

### III. Hazardous Identification:

**Hazard Category:**

Acute  Chronic  Fire  Pressure  Reactive

**Hazardous Identification Information:**

Hazardous to humans and the environment.

### IV. First Aid Measures:

**Route(s) of Entry:**

Inhalation, skin, eyes, ingestion.

**Health Hazards (Acute and Chronic):**

Contains <20% alkyl silicate

**Signs and Symptoms:**

NA

**Medical Conditions Generally Aggravated by Exposure:**

Irritation

**Emergency and First Aid Procedures:**

**INHALATION:** Move to fresh air. If symptoms persist, contact a physician.

**SKIN:** Wash with plenty of soap and water, remove contaminated clothing and wash before wearing.

**EYES:** Wash with water for at least 20 minutes. Seek medical advice if irritation persists.

**INGESTION:** Seek medical advice immediately and clearly identify substance. Drink plenty of water: no milk, no castor oil, no alcohol. Administer animal charcoal (5-10 g in 100 ml water) at 20 minute intervals.



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**Other Health Warnings:**

Contains a mixture of silicic acid esters, organic tin compound, fillers and pigment.

**V. Fire Fighting Measures:**

**Flash Point:** >100 C

**Lower Explosive Limit:** NA

**Upper Explosive Limit:** NA

**F.P. Method:**

**Fire Extinguishing Media:** Water mist, dry chemical, foam, CO2

**Special Fire Fighting Procedures:**

Protect against flames. Do not breathe combustion gases. Use respiratory protection independent of recirculated air.

**Unusual Fire and Explosion:**

None known.

**VI. Accidental Release Measures:**

**Steps to be Taken in Case Material is Released or Spilled:**

Avoid exposure. Keep away from sewers, streams, etc.

Absorb with inert liquid binding material (sand, diatomaceous earth). Dispose according to local, state, and federal regulations.

**VII. Handling and Storage:**

**Precautions to be Taken:**

Avoid contact with eyes, skin and clothing. Keep in closed container. Avoid incompatible materials. Use only in well ventilated areas. Wash thoroughly after handling.

**Other Precautions:**

Keep only in original container in a cool, well ventilated area away from food and drink. Keep container tightly closed. Avoid proximity to acids and oxidizers. Store at room temperatures not exceeding 25 C/77F.

"EMPTY" containers may contain product residue and may be dangerous. Empty containers should be completely drained and banded, and then disposed of according to local, state and federal regulations.

**VIII. Exposure Controls/Personal Protection:**

**Ventilation Requirements:**

Use only in well ventilated area.

**Personal Protective Equipment:**

Wear protective eyewear, gloves, respiratory protection

**IX. Physical and Chemical Properties:**

**Boiling Point:** NE

**Melting Point:** NE

**Evaporation Rate (Butyl Acetate = 1):** NE

**Vapor Pressure (mm Hg.):** NE

**Specific Gravity (H20 = 1):**

**Vapor Density (AIR = 1):** NE

**Solubility In Water:** Not soluble.

**Appearance and Odor:** Blue paste, faint chemical odor.

**Other Information:** Contains alkyl silicate.



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***X. Stability and Reactivity:***

**Stability:**

Normally stable.

**Incompatibility (Materials to Avoid):**

Acids and oxidizers.

**Decomposition/By Products:**

In case of thermic decomposition, corrosive substances may be present.

**Hazardous Polymerization:**

Will not occur.

***XI. Toxicological Information:***

Contains alkyl silicate.

***XII. Ecological Information:***

Do not induce large amounts into sewage treatment plants. Do not permit to enter streams or rivers.

***XIII. Disposal Considerations:***

Dispose of according to local, state, and federal regulations.

***XIV. Transport Information:***

Transport as non-hazardous material.

***XV. Regulatory Information:***

Not regulated.

***XVI. Other Information:***

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.

Using this product under normal, properly instructed procedures should not be hazardous.