SAATIchem

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: SAATIchem ULTRAFIX CA ACTIVATOR A

General Use: Hardens cyanoacrylate adhesives

Manufacturer: SAATIchem
2050 Hammond Dr. Schaumburg, IL. 60173
Tel: 1-877-296-7697 or 1-847-296-7697 (Monday-Friday 8:00am – 4:30pm CST)
Fax: 1-847-296-7408
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
Liquefied Petroleum Distillates	55-65	68476-86-8	Not applicable	Not applicable
Acetone	30-40	67-64-1	1000 PPM TWA	500 PPM TWA
N,N-Dimethyl-p-Toluidine	1-5	99-97-8	Not applicable	Not applicable

This material is classified as **hazardous under OSHA regulations.**

3. HAZARDS IDENTIFICATION

Emergency Overview

Clear, colorless to light brown liquid with strong sweet aromatic amine odor. **DANGER—** FLAMMABLE GAS. MAY CAUSE FLASH FIRE. CONTENTS UNDER PRESSURE. Causes eye, skin, and respiratory tract irritation. Contains material that may cause damage to central nervous system, blood, kidneys, and liver.

Potential Health Effects

Eye: Causes irritation.
Skin: Causes irritation.
Ingestion: May causes irritation.
Inhalation: Vapor causes irritation, nausea, dizziness, narcosis, and headache.

Chronic Effects/Carcinogenicity: May cause damage to central nervous system, blood, kidneys, and liver.

4. FIRST AID MEASURES

Eyes: Immediately flush with water at least 15 minutes. Get medical attention immediately.
Skin: Flush with large amounts of water. Get medical attention if irritation persists.
Ingestion: Do not induce vomiting. Get medical attention immediately.
Inhalation: Remove to fresh air. Get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

This product is considered flammable as described in 16CFR1500.45
Flash Point / Method: Not available.
Flammable Limits: LEL=1.8%, UEL=9.5%
Extinguishing Media: Carbon dioxide, foam, or dry chemical.
Protection of Fire Firefighter: Wear full protective equipment and self-contained breathing apparatus.
Fire & Explosion Hazards: Contents under pressure. Containers can explode if exposed to temperatures greater than 130°F (54.4°C).
Sensitivity to Mechanical Impact: Stable
Sensitivity to Static Discharge: Not available

6. ACCIDENTAL RELEASE MEASURES

Small spill: Absorb spill with inert material (e.g., dry sand or earth).
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

Keep away from heat, sparks, and flame. Use only with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor. Wash thoroughly after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the exposure limits.
Respiratory Protection: If concentrations are over the exposure limits, use a NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister.
Skin Protection: Neoprene gloves
Eye Protection: Safety goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid aerosol
Appearance: Clear, colorless to light brown
Odor: Sweet aromatic amine
Vapor Pressure: 118psig at 130°F (54.4°C).
Specific Gravity: <1.0
Solubility in Water: Negligible
pH: Not applicable
Vapor Density: >1 (air=1)
Evaporation Rate: <1 (butyl acetate=1)
Boiling Point: Not available
Melting Point: Not available
Percent Volatiles: 100%
Volatile Organic Compounds: Not available

10. STABILITY AND REACTIVITY

Stability/Conditions to avoid: Stable
Materials to avoid: Strong oxidizing agents.
Hazardous decomposition products: Carbon dioxide, carbon monoxide.
Hazardous polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

For Acetone (CAS#67-64-1)
LD50 oral (rat) = 5800 mg/kg
LC50 inhalation (rat) = 50100 mg/m^3/8H
LD50 oral (mouse) = 3 g/kg
LC50 inhalation (rat) = 44 g/m^3/4H
LD50 intraperitoneal (mouse) = 1297 mg/kg
LD50 oral (rabbit) = 5340 mg/kg

For N,N-Dimethyl-p-Toluidine (CAS#99-97-8)
LC50 inhalation (rat) = 1400 mg/m^3/4H
LD50 intraperitoneal (mouse) = 212 mg/kg

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: ORM-D, Consumer Commodity
Transport Canada: Aerosols, Flammable, 2.1, UN1950
IATA: Aerosols, Flammable, 2.1, UN1950
IMO: Aerosols, 2.1, UN1950

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 a Reportable Quantity (RQ) Substance, acetone, and if 5000 pounds of acetone are released, notification to the National Response Center, Washington, DC (1-800-424-8802) is required.

SARA Title III (40 CFR 372)

Section 311/312 Hazard Categories: Immediate Health, Delayed Health, Fire, Sudden Release of Pressure

Section 313 Reportable Ingredients: Acetone (CAS#67-64-1).

US State Regulations

Pennsylvania Right-To-Know Act reportable components: Acetone (CAS#67-64-1).

California Proposition 65 reportable components: None.

Canadian Regulations

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

WHMIS Classification: Class A, Class B5

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

HMIS Rating: Health-2, Fire-3, Reactivity-1, Personal Protection-G

MSDS prepared by: Joey Mucha, Regulatory Affairs Coordinator

Supercedes Date: February 16, 2004

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