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Material Safety Data Sheet

Emergency Phone:
800-255-3924
Chemtel
Non-emergency Phone: 800-323-5350

Date 03/01/2005

PRODUCT NAME:
ACH-HEP
CHEMICAL FAMILY:
Cyanoacrylate accelerator

Ingredients/Identity Information

Hazardous Ingredients:

Heptane % by weight: 70-80% CAS# 142-82-5

Acetone % by weight: 20-30% CAS# 67-64-1

Heptane % by weight: 0.1-0.5% CAS# 99-97-8

Exposure Limits:

Heptane:

ACGIH TLV: 400ppm OSHA-PEL: 500ppm Other: no data

Acetone:

ACGIH TLV: 750ppm OSHA-PEL: 750ppm Other: no data

N<N-Dimethyl-P-Toluidine

ACGIH TLV: no data OSHA-PEL: no data Other: no data

Properties Data

65C/6MMHg Boiling point: >133F

Specific Gravity: .877 @68F Vapor Pressure: n/a

Percent Volatile(EPA method): 99.9% 680grams per liter Vapor Density: n/a

Evaporation Rate: slower than ethyl ether Solubility in Water: Polymerization in Water: Miscible

Appearance and Odor: Clear Liquid , Sharp pungent Odor

Fire Fighting Measures

FLASH POINT: 20-30C

METHOD USED: LEL%

FLAMMABLE LIMITS: N/A

Setaflash Closed Cup: N/D

UEL%: N/D

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIRFIGHTING PROCEDURES:

Use self-contained breathing apparatus and protective clothing

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: None

HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION:

Irritating Organic Vapors

REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY(MATERIAL TO AVOID)

Strong oxidizing agents

HAZARDOUS POLYMERIZATIONS: WILL NOT OCCUR

HEALTH HAZARD INFORMATION

TOXICITY:

Possible eye and respiratory irritant. Narcotic at high concentrations. Prolonged inhalation may cause headaches. Moderately toxic by ingestion. Liquid may dry out skin.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Vapors irritate eyes, nose and throat. Liquid is eye irritant and may irritate skin.

EMERGENCY AND FIRST AIDE PROCEDURES

Eye-flush with lukewarm or tepid water for at least 15 minutes. Contact physician.

Skin- Wash in warm soapy water.

Inhalation- remove to fresh air. If symptoms persist, contact Physician.

INGESTION- Give water to dilute. Do not induce vomiting. Contact physician.

LEAK PROCEDURES

Spill procedures: Avoid flame and sparks. Maintain adequate ventilation. Soak up in an inert absorbent and store in a closed container until disposal.

Disposal Procedures: Incinerate or dispose of in an approved landfill in accordance to state and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store away flame and sparks. Keep container tightly closed when not in use. Store in dry location.

Avoid breathing vapors.

PROTECTIVE EQUIPMENT

VENTILATION

Use in well ventilated area. Local exhaust ventilation recommended to maintain vapor level below TLV.

RESPIRATORY PROTECTION:

Not applicable with good local exhaust.

PROTECTIVE GLOVES

Impermeable, non reactive gloves

EYE PROTECTION

Goggles

OTHER

Hazard	NFPA Hazard Code®	HMIS hazard Code®
Health	1	1
Fire	3	3
Reactivity	0	0
Specific hazard	N/A	Personal protection: see above;protective equipment

REGULATORY INFORMATION

US Federal Regulations TSCA (Toxic Substances Control Act) Status

TSCA(United States) The intentional ingredients of this product are listed.

CERCLA RQ(Reportable Quantity)- 40 CFR 302.4(a)

Component:

Acetone 5000lbs(reportable quantity)

SARA 302 Components-40CFR 355 Appendix A: None

Section 311/312 Hazard Class-40 CFR 370.2

Immediate (X) Delayed (X) Fire (X) Reactive () Sudden Release of Pressure ()

SARA 313 Components-40CFR 372.65: None

International Regulations Inventory Statue: Not determined

State and Local Regulations CA prop 65:

The following statement is made in order to comply with the CA Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains the following substance known to the state of CA to cause reproductive harm: NONE

TRANSPORTATION

Domestic Ground Transport:

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Proper shipping name: Consumer commodity (less than 1 liter)
Compounds, cleaning, Liquid. (more than 1 liter)

Hazard class or division ORM-D(less than 1 liter)
Class 3(more than 1 liter)

Identification number: None (less than 1 liter)
N/A 1993 (> 1 liter)

Marine Pollutant: NO

DISCLAIMER

The data, statements and recommendations (shown for information only) are based on tests which are believed to be reliable. Since we have no control over the end use of our product, we cannot guarantee the end results. We suggest the user determine whether the product is suitable for his own production conditions.