

MATERIAL SAFETY DATA SHEET

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I - IDENTIFICATION

PRODUCT NAME: Cynergy Activator A
CHEMICAL COMPOSITION: SOLVENT BLEND
CHEMICAL FAMILY: ACCELERATOR

HMIS RATINGS

HEALTH= 2 FLAMMABILITY= 3 REACTIVITY=0 PERSONAL PROTECTION =B
0=LEAST 1=SLIGHT 2=MODERATE 3=HIGH 4=EXTREME B=GLOVES,SAFETY GLASSES

2. COMPOSITION

Acetone	67-64-1	97%
Substituted Amidine	6674-22-2	3%

3. CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE:	Clear Liquid
ODOR:	Aliphatic Odor
SPECIFIC GRAVITY:	0.79
BOILING POINT:	133 °F
SOLUBILITY IN WATER:	miscible
VAPOR DENSITY:	2.0
VAPOR PRESSURE:	213 mm @ 77 °F
VOLATILE ORGANIC COMPOUND (EPA Method 24):	99.9% ; 680 grams/liter
EVAPORATION RATE (Ether = 1):	7.7
pH:	Does not apply
APPEARANCE:	Clear liquid
ODOR:	Ketone

4. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT:	0°F (method used TCC.)
FLAMMABLE LIMITS	LEL = 2.6 UEL = 13.0
EXTINGUISHING MEDIA	Carbon Dioxide, dry chemicals, water
HMIS	HEALTH 2 FLAMMABILITY 3 REACTIVITY 0
NFPA	HEALTH 2 FIRE HAZARD 3 REACTIVITY 0

NOTE: SEE SECTION FOR PERSONAL PROTECTION

Explosive Limits:	
% by volume in air (LOWER)	1.1%
% by volume in air (UPPER)	6.7%
RECOMMENDED EXTINGUISHING AGENTS:	Carbon Dioxide, foam, dry chemicals
SPECIAL FIRE FIGHTING PROCEDURES:	NONE
UNUSUAL FIRE and EXPLOSION HAZARDS	NONE
HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION:	Irritating Organic Vapors

5. HEALTH HAZARD DATA:

TOXICITY: Eye irritant. Anesthetic. Moderately toxic by ingestion. Residue after evaporation of solvent destructive to tissue of the mucous membranes, and upper respiratory tract, eyes and skin

PRIMARY ROUTES OF ENTRY: Heptane: Inhalation, ingestion, contact
 SIGNS & SYMPTOMS OF EXPOSURE: Dizziness, anesthesia, unconsciousness.
 EXISTING CONDITIONS AGGRAVATED BY EXPOSURE: None known

Exposure Limits (TWA)	ACGIH (TLV)	OSHA (PEL)	Other
Acetone	750 ppm (TWA)	750 ppm (TWA)	None
Exposure Limits (STEL)			
Acetone	1000 ppm	1000 ppm	

Ingredients for which no Exposure Limits have been established are not listed above.

INGREDIENTS

	Literature Referenced Target organ & Other Health	Carcinogen		
		NTP	IARC	Other
Acetone	Effects. Nervous System	NO	NO	NO
Substituted Amidine	No Data	NO	NO	NO

6. SPILL OR LEAK & DISPOSAL PROCEDURES:

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:
 Maintain good ventilation. Avoid ignition sources. Soak up remainder in an inert absorbent and store in a closed container until disposal.

Incinerate following EPA Federal, State and local regulations.

7. STORAGE & HANDLING PROCEDURES STORAGE:

Store below 120 °F in a tightly closed container away from oxidizing materials and sources of ignition.

HANDLING: Keep away from open flame. Avoid prolonged breathing of vapors. Avoid skin or eye contact.

8. SHIPPING & HANDLING PROCEDURES

DOT (49 CFR 172)
 DOMESTIC GROUND TRANSPORT

HAZARD CLASS OR DIVISION: Class 3, Flammable Liquid, Packing Group II
 UN Number 1090

9. REACTIVITY DATA

STABILITY: Stable
 HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS (NON-THERMAL): None
 INCOMPATIBILITY: Strong Oxidizers

10. EMERGENCY TREATMENT PROCEDURES

INGESTION:
INHALATION:

Induce vomiting. Obtain medical attention
Remove to fresh air. If Symptoms persist,
obtain medical attention.
Wash with soap and water.
Flush at least 15 minutes with water. Obtain
medical attention.

SKIN CONTACT:
EYE CONTACT:

11. PERSONAL PROTECTION:

EYES:
SKIN:
VENTILATION:

Safety Glasses or Goggles.
Rubber or Plastic Gloves
Adequate to avoid exceeding TLV

The information contained herein is based upon data taken in good faith and considered accurate. However, no warrant is implied or expressed regarding the accuracy of this data or the results obtained from the use thereof.

NA= Not Available na= not applicable NE=Not Established ND=Not Determined mppcf=million parts/ft3
mg/M3= milligrams per cubic meter