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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: ACTIVATOR T 1.75 FL.OZ PUMP
Item No: 19267
Product Type: Activator

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH TLV: TWA	OSHA PEL:
ACETONE 67-64-1	80-90	500 ppm TWA; 750 ppm STEL	1000 ppm TWA; 2400 mg/m ³ TWA
2-PROPANOL 67-63-0	10-20	200 ppm TWA	400 ppm TWA; 980 mg/m ³ TWA
2-MERCAPTOBENZOTHAZOLE 149-30-4	<3	Not Listed	Not Listed
N,N-DIALKYTOLUIDINE 613-48-9	<3	Not Listed	Not Listed

3. HAZARDS IDENTIFICATION

Toxicity: May cause eye, skin and respiratory irritation. May be narcotic at high concentrations. Excessive inhalation causes headache, dizziness, nausea, and incoordination.
Primary Routes of Entry: Eye and skin contact, ingestion, inhalation
Signs and Symptoms of Exposure: Contact with eyes may cause tearing and redness. May cause skin irritation. Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
ACETONE 67-64-1	80-90	Not known	A4 - Not Classifiable as a Human Carcinogen	Not known
2-PROPANOL 67-63-0	10-20		A4 - Not classifiable as a human carcinogen	Group 3 Monograph 71, 1999; Supp.7, 1987; Monograph 15, 1977
2-MERCAPTOBENZOTHAZOLE 149-30-4	<3	male rat-some evidence; female rat-some evidence; male mice-no evidence; female mice-equivocal evidence		

Medical Conditions Recognized as Being Aggravated by Exposure: Preexisting pulmonary and dermatological disorders.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation: If not breathing, give artificial respiration. Obtain medical attention. Move to fresh air in case of accidental inhalation of vapours.
Skin Contact: If skin irritation persists, call a physician. Wash off with soap and water.
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point (°F/C): 17°F. Method: TCC
Recommended Extinguishing Media: Carbon dioxide, Alcohol foam, Dry chemical
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus.
Hazardous Products of Combustion: Oxides of carbon

5. FIRE FIGHTING MEASURES

Unusual Fire/Explosion Hazards:

Closed containers may rupture or explode when exposed to extreme heat. Keep containers cool. Irritating or toxic gases or fumes may be generated by thermal decomposition or combustion.

Lower Explosive Limit: 2.0%
Upper Explosive Limit: 13.0%

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

7. HANDLING AND STORAGE

Storage: Store away from heat, sparks or open flame. Do not store at temperatures above 120 degrees F.
Handling: Avoid contact with skin and eyes. Use only in a well ventilated area. Do not use near heat, sparks or open flame.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses
Skin: Rubber or plastic gloves.
Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.
Respiratory Protection: An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber liquid
Odor: Ketone
Boiling Point: Not available
pH: Does not apply
Solubility in Water: SOLUBLE
Specific Gravity: 0.8
VOC Content(Wt.%): 13.3% by weight; 106g/l
Vapor Pressure: 171 mmHg @ 68°F
Vapor Density (Air=1): 2.0
Evaporation Rate: Not available

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Hazardous Polymerization: WILL NOT OCCUR
Incompatibilities: Strong oxidizers, Peroxides
Conditions to Avoid: Keep away from heat, sparks and open flame. - No smoking
Hazardous Products of Combustion: Oxides of carbon

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations.
US EPA Waste Number: D001 as per 40CFR 261.21

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Domestic Ground Transport

DOT Shipping Name: Consumer Commodity (not more than one liter)
Hazard Class: ORM-D
UN/ID Number: None
Marine Pollutant: None

Product Name: ACTIVATOR T 1.75 FL.OZ PUMP

Item No: 19267

IATA

Proper Shipping Name: Consumer Commodity (Not more than 1 liter)
Class or Division: Class 9
UN/NA Number: ID 8000

IMDG

Proper Shipping: Acetone, Solution, Limited Quantity
Hazard Class: Class 3, PG II
UN Number: UN 1090

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

2-MERACAPTOBENZOTHAZOLE

CALIFORNIA PROP 65:

No California Prop 65 chemicals are known to be present.

TSCA Inventory Status:

Listed on Inventory: YES All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 3, REACTIVITY 0

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 3, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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