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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: ACTIVATOR T 1 GAL
Item No: 19268
Product Type: Activator

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
ACETONE 67-64-1	80-90	500 ppm TWA; 1188 mg/m ³ TWA	1000 ppm TWA; 2400 mg/m ³ TWA
2-PROPANOL 67-63-0	10-20	400 ppm TWA; 983 mg/m ³ TWA	400 ppm TWA
N,N-DIALKYTOLUIDINE 613-48-9	1-10	Not Listed	Not Listed
2-MERCAPTOBENZOTHAZOLE 149-30-4	1-10	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.

Ingredients	Percent	NTP:	ACGIH Carcinogens	IARC:
ACETONE 67-64-1	80-90	Not known	A4 - Not Classifiable as a Human Carcinogen	Not known
2-MERCAPTOBENZOTHAZOLE 149-30-4	1-10	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: If swallowed, do NOT induce vomiting. Give victim two glasses of water, Call a physician immediately. Never give anything by mouth to an unconscious person.
Inhalation: Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration. Obtain medical attention.
Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
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 Formed by Fire or Thermal Decomposition: Irritating vapors.
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 or goggles.
Skin: Rubber or plastic gloves
Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits 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 odor.
Boiling Point (°F): 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.
Hazardous Products Formed by Fire or Thermal Decomposition: Irritating vapors.

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

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.

SARA 313 Information

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 3, FLAMMABILITY 2, REACTIVITY 0

Estimated HMIS Classification: HEALTH 3, FLAMMABILITY 2, 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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