

Material Safety Data Sheet. No: SD0237-R00

Section 1 : Chemical Identification

Catalogue No.:	0237-XXXX	Name:	ETT Activator
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Section 2 : Composition/information on Ingredients

Chemical Name	CAS No.	EINECS No.
5-Ethylthio-1H-Tetrazole	89797-68-2	N/A

Section 3 : Hazards Identification

Main Hazard	Irritant
Other Specific Hazards	N/A

Section 4 : First Aid Measures

Eyes	In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. OBTAIN MEDICAL ATTENTION
Skin	In case of contact, remove contaminated clothing, immediately wash skin with soap and copious amounts of water. OBTAIN MEDICAL ATTENTION
Ingestion	Induce vomiting and washout mouth with water provided the person is conscious. OBTAIN MEDICAL ATTENTION
Inhalation	Immediately remove to fresh air. If not breathing, give artificial respiration. OBTAIN MEDICAL ATTENTION

Section 5 : Fire Fighting Measures

Extinguishing Media	Carbon dioxide, dry chemical powder or appropriate foam
Special Hazards of Product	Emits toxic fumes under fire conditions
Protective Equipment for Fire Fighting	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6 : Accidental Release Measures

Personal Protection	Wear protective clothing, respirator, chemical safety goggles, rubber gloves and rubber boots
Leaks and Spills	Clean the contaminated area thoroughly with a suitable solvent and absorbent material taking care to avoid breathing fumes. Dispose of all cleaning materials with care (see section 13)

Section 7 : Handling and Storage

Handling	Protective gloves, goggles or laboratory spectacles and clothing are recommended. See also sections 6 and 7 above.
Storage	Keep container closed. Store in a dry area, protected from moisture

Section 8 : Exposure controls/Personal Protection

Exposure Controls	Always use adequate fume extraction and keep storage vessels closed when not in use. See also sections 6 and 7 above.
Personal Protection	Protective gloves, goggles or laboratory spectacles and clothing are recommended. See also sections 6 and 7 above.

Section 9 : Physical and Chemical Properties

Physical State	White crystalline solid		
Melting Point	83-86°C	Boiling Point	N/A
Flash Point	N/A	Explosion Limits	N/A
Solubility (Water)	Practically insoluble	Solubility (Org. Solvents)	Partially soluble in acetonitrile
Chemical Formula	C ₃ H ₆ N ₄ S	Molecular Weight	130.17
Other Information			

Section 10 : Stability and Reactivity

Chemical Stability	Stable
Incompatibilities	
Hazardous Decomposition or Combustion Products	Produces toxic fumes on combustion
Hazardous Polymerisation	Does not occur

Section 11 : Toxicological Data

Toxic Effects	To the best of our knowledge the chemical, physical and toxicological properties of this substance have not been investigated. Known to be an irritant - handle with care to avoid all unnecessary exposure and release into the atmosphere.
Other Toxicological Data	

Section 12 : Ecological Information

Data not yet available. In use, caution should be exercised to minimise release into the environment by using appropriate containment procedures

Section 13 : Disposal Information

Dispose by incineration at high temperature in an approved incinerator fitted with appropriate environmental protection equipment. Dispose of in accordance with all applicable Local, National, State and Federal regulations. Labels should not be removed from containers until they have been thoroughly cleaned in an appropriate manner. Containers should not be treated as domestic waste and disposed of appropriately. Always use an approved disposal company.

Section 14 : Transport Information

UN No.	N/A	UN Class	N/A	UN Packing Gp.	N/A
Road Freight	Non-hazardous for road freight				
Sea Freight	Non-hazardous for sea freight				
Air Freight	Non-hazardous for air freight				

Section 15 : Regulatory Information

European Information:

R Phrases	R36/37 - Irritating to eyes and respiratory system R38 - Irritating to skin
S Phrases	S26 In case of contact with eye, rinse immediately with plenty of water and seek medical advice S36 - Wear suitable protective clothing

Section 16 : Other information

MSDS First Issued	May07	MSDS Last Revision	May07	MSDS Version	R00
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