



# SAFETY DATA SHEET

## MITRE FIX ACTIVATOR - AEROSOL VERSION

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

**PRODUCT NAME:** MITRE FIX ACTIVATOR - AEROSOL VERSION

**PART No.:** 351882/AERO, 710764/ACT

**SUPPLIER:** BOSTIK FINDLEY LIMITED  
COMMON ROAD  
STAFFORD  
STAFFORDSHIRE ST16 3EH  
Tel: +44 1785 255141

**EMERGENCY TELEPHONES:** +44 1785 255141 +44 1785 272650

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME	EINECS Nr.:	CLASSIFICATION	CONTENT
AROMATIC AMINE		T R-23/24/25, 33, 52/53	0-1 %
PROPANE 74-98-6	200-827-9	Fx R-12	10-30 %
ISOBUTANE 75-28-5	200-857-2	Fx R-12	5-10 %
BUTANE 106-97-8	203-448-7	Fx R-12	10-30 %
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT, <0.1% BENZENE, 64742-49-0	265-151-9	Xn ,F R-11, 65	30-60 %

The Full Text for all R-Phrases are Displayed in Section 16

### 3. HAZARDS IDENTIFICATION

Extremely flammable.

### 4. FIRST AID MEASURES

**INHALATION:** Remove victim immediately from source of exposure. Move the exposed person to

fresh air at once. Get medical attention.

**INGESTION:**

DO NOT induce vomiting. Get medical attention immediately.

**SKIN:**

Promptly flush contaminated skin with soap or mild detergent and water. Promptly remove clothing if penetrated and flush the skin with water. Get medical attention if irritation persists after washing.

**EYES:**

Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention.

## 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:**

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

**SPECIAL FIRE FIGHTING PROCEDURES:**

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

**UNUSUAL FIRE & EXPLOSION HAZARDS:**

Aerosol cans may explode in fires.

## 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTION IN SPILL:**

Avoid breathing vapour. Wear personal protective equipment. Avoid skin and eye contact.

**PRECAUTIONS TO PROTECT ENVIRONMENT:**

Prevent entry into drains and water courses.

**SPILL CLEANUP METHODS:**

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area.

## 7. HANDLING AND STORAGE

**USAGE PRECAUTIONS:**

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

**STORAGE PRECAUTIONS:**

Aerosol cans: Must not be exposed for direct sunlight or temperatures above 50°C.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**INGREDIENT NAME:**

PROPANE  
ISOBUTANE  
BUTANE

**CAS No.:**

74-98-6  
75-28-5  
106-97-8

**STD**

OES  
OES

**LT EXP 8 Hrs**

Asphyxiating  
600 ppm  
600 ppm

**ST EXP 15 Min**

Asphyxiating  
750 ppm  
750 ppm

**INGREDIENT COMMENTS:**

OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit.

**PROTECTIVE EQUIPMENT:**

<b>VENTILATION:</b>	Explosion-proof general and local exhaust ventilation.
<b>RESPIRATORS:</b>	No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).
<b>PROTECTIVE GLOVES:</b>	Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of: Nitrile.
<b>EYE PROTECTION:</b>	Wear splash-proof eye goggles to prevent any possibility of eye contact.
<b>OTHER PROTECTION:</b>	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
<b>HYGIENIC WORK PRACTICES:</b>	DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. No eating or drinking while working with this material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Aerosol. Liquid.		
<b>COLOUR:</b>	Colourless.		
<b>ODOUR/TASTE:</b>	Light, paraffinic		
<b>DENSITY/SPECIFIC GRAVITY (g/ml):</b>	0.70	<b>Temperature (°C):</b>	
<b>SOLUBILITY DESCRIPTION:</b>	Insoluble in water.		
<b>FLASH POINT (°C):</b>	- 40	<b>Method:</b>	CC (Closed cup).
<b>AUTO IGNITION TEMP. (°C):</b>	> 400		

## 10. STABILITY AND REACTIVITY

<b>STABILITY:</b>	Normally stable.
<b>CONDITIONS TO AVOID:</b>	Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids. Direct Sunlight
<b>HAZARDOUS DECOMP. PRODUCTS:</b>	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

## 11. TOXICOLOGICAL INFORMATION

<b>INHALATION:</b>	May cause irritation to the respiratory system.
<b>INGESTION:</b>	Harmful: may cause lung damage if swallowed.
<b>SKIN:</b>	Irritating to skin.
<b>EYES:</b>	Irritating to eyes.
<b>ROUTE OF ENTRY:</b>	Inhalation.

## 12. ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

### 13. DISPOSAL CONSIDERATIONS

**GENERAL/CLEANING:** This material is classified as special waste as defined by Special Waste Regulations 1996 and must be disposed of by an authorised contractor

**DISPOSAL METHODS:** Empty containers must not be burned because of explosion hazard. Dispose of in accordance with Local Authority requirements.

### 14. TRANSPORT INFORMATION

**LABEL FOR CONVEYANCE:**



<b>UN No. ROAD:</b>	1950
<b>UK ROAD TRANSPORT CLASS:</b>	2.1
<b>UK ROAD PACK GR.:</b>	Not Applicable
<b>ADR CLASS No.:</b>	2.1
<b>ADR CLASS:</b>	Division 2.1: Flammable gases.
<b>ADR PACK GR.</b>	Not Applicable
<b>ADR LABEL No.:</b>	2.1
<b>CEFIC TEC(R) No.:</b>	20G5F
<b>PROPER SHIPPING NAME I:</b>	AEROSOLS
<b>RID CLASS No.:</b>	2.1
<b>RID PACK GR.</b>	Not Applicable
<b>UN No. SEA:</b>	1950
<b>IMDG CLASS:</b>	2.1
<b>IMDG PACK GR.:</b>	Not Applicable
<b>EmS No.:</b>	2-13
<b>MFAG TABLE No.:</b>	See Guide
<b>MARINE POLLUTANT:</b>	No.
<b>UN No., AIR:</b>	1950
<b>ICAO CLASS:</b>	2.1
<b>AIR PACK GR.:</b>	Not Applicable

## 15. REGULATORY INFORMATION

### LABEL FOR SUPPLY:



<b>RISK PHRASES:</b>	R-12 Extremely flammable.
<b>SAFETY PHRASES:</b>	S-16 Keep away from sources of ignition - No Smoking. S-23F Do not breathe vapour/spray. S-37 Wear suitable gloves. S-51 Use only in well-ventilated areas. S-60 This material and its container must be disposed of as hazardous waste. S-9 Keep container in a well-ventilated place.

## 16. OTHER INFORMATION

<b>USER NOTES:</b>	This product should be used as directed by Bostik Findley Ltd. For further information consult the product data sheet or contact Technical Services.
<b>INFORMATION SOURCES:</b>	This safety data sheet was compiled using current safety information supplied by distributor of raw materials.
<b>REVISION COMMENTS:</b>	This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous data sheets and if in doubt contact Bostik Findley Limited.
<b>ISSUED BY:</b>	Approved ID
<b>REVISION DATE:</b>	Dec 2003
<b>REV. No./REPL. SDS GENERATED:</b>	1
<b>DATE:</b>	Dec 2003
<b>PRINTING DATE:</b>	2004-06-28
<b>R-PHRASES (Full Text):</b>	R-23/24/25 Toxic by inhalation, in contact with skin and if swallowed. R-33 Danger of cumulative effects. R-52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-12 Extremely flammable. R-11 Highly flammable. R-65 Harmful: may cause lung damage if swallowed.