

Microxpress

Mycobacteriology

Material Safety Data Sheet

(According to 2001/58/EC)

Doc. No. MSDS/ MX-002

Section 1 – Product and Company Information

Product Name: ADA-MTB
Catalog No: 20306015
Manufacturer: Microxpress
 A Division of Tulip Diagnostics (P) Ltd.
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 Verna Industrial Estate, Verna,
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Section 2 – Composition, Information on Ingredients

Composition:

Ingredients

Reagent L1 : Buffer Reagent,
 Reagent L2 : Adenisine Reagent,
 Reagent L3 : Phenol Reagent,
 Reagent L4 : Hypochlorite Reagent,
 Standard S : Standard

Material from animal Origin: None

Section 3 – Hazards Identification

Hazard Overview: Harmful if swallowed. Contact with acids liberates very toxic gases. May cause long-term adverse effects in the aquatic environment. Xn; R22, S 23-46-61

Section 4 – First Aid Measures

Inhalation: Seek medical treatment in case of problems.

Ingestion: If symptoms persist, consult a physician.

Skin Contact: Wash thoroughly with soap and water.

Eye Contact: Rinse opened eye for several minutes under running water. If symptoms persist consult a physician.

Section 5 – Fire Fighting Measures

Suitable Extinguishing Agents: CO₂, ABC multipurpose dry chemical or water spray. Fight large fires with water spray or alcohol resistant foam.

Protective Equipment: Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6 - Accidental Release Measures

Personal Precautions: Use an absorbent material to contain or pick the spill material. Place the spill residue in a container, seal label and hold for disposal. Use laboratory gloves, chemical resistant aprons, boots and splash goggles for safety.

Section 7 - Handling and Storage

Handling: When used in accordance with the Principles of good Manufacturing practice, Good standard of occupational Hygiene and the instructions stated in the product pack insert, these products are not considered to present a hazard to health.

Storage: Store between 2-8°C. For in vitro Diagnostics use only, Not for medicinal use.

Section 8 - Exposure Control / Personal Protection

EXPOSURE LIMITS:

Sodium Azide: Wear appropriate NIOSH / MSHA -approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.

General Protective and Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

Hygienic measures: Wash hands before breaks and at the end of work. Avoid contact with eyes and skin.

Section 9 - Physical and Chemical Properties

Appearance : Colourless Reagents

Vapour Density : None Known

	Mg/m ³	ppm
TLV-TWA	--	--
TLV-STEL	--	--
TLV-Ceiling	0.29 (NaN ₃)	0.11 (HN ₃)
OES-LTEL	--	--
OES-STEL	0.3 (NaN ₃)	--
MAK		
TRK		
MAC-TGG 8h		
MAC-TGG 15 min	0.3	
MAC-Ceiling	--	--
VMA 8h	0.3	0.1
VMA 15 min	--	--
GWBB 15 min	--	--
Momentary value	0.29	0.11
EC	0.1	--
EC-STEL	0.3	--

Odour : None Known

Specific Gravity : None Known

Solubility in Water : Soluble

Melting Point : Not applicable.

Flash point : Not applicable

Flamable Limits (LEL & UEL) : Not applicable

Section 10 - Stability and Reactivity

Stability: Product is stable if stored as per the conditions specified under storage of Section 7. Product loses its potency/performance if kept long time above the temperature mentioned in Section 7.

Conditions to Avoid: Heat .

Decomposition Products: No decomposition will occur

Additional Information: Sodium azide on contact with acidic solutions and metal compounds over time may form potentially explosive metal azides with plumbing material hence it is advisable to flush off the disposables with copious amount of water.

Section 11 - Toxicological Information

Effects of Skin Contact: Causes skin irritation. May be harmful if absorbed through the skin.

Effects of Eye Contact: Causes eye irritation.

Effects of Ingestion: Toxic if swallowed.

Effects of Inhalation: Harmful if inhaled. Causes irritation to respiratory system.

Sensitization: Not available

Target Organs: Cardiovascular system, respiratory system, central nervous system.

Additional Toxicological Information: Harmful, Dangerous for the environment. Refer to RTECS for complete information.

Section 12 - Ecological Information

Ecotoxicity: Not Determined.

Section 13 - Disposal Considerations

On completion of work all used or unusable preparations of this product and derivatives thereof are to be disposed off by autoclaving and/or by incineration. Dispose off waste in accordance with all applicable Federal, State and local laws.

Section 14 - Transport Information

UN No.: Not applicable.

Section 15 - Regulations

Risk Phrases:

R22: Harmful if swallowed.

S23: Do not breathe vapour.

S46: If swallowed, Seek medical advice immediately and show this container or Label.

S61: Avoid release to environment. Refer to special instructions/ safety data sheets.

May cause long-term adverse effects in the aquatic environment.

Safety Phrases: After contact with skin, wash immediately with plenty of water.

In case of accident or if you feel unwell, seek medical advice immediately (Show the label where possible).

Avoid release to the environment. Refer to special instructions/Safety data sheets.
Warning Label Text Indication Of Hazard with Symbol: None.

Section 16 - Other Information

To the best of our knowledge the above mentioned information is accurate. However, Microxpress, a Division of Tulip Diagnostics (P) Ltd makes no warranty with respect to its completeness nor assumes any liability resulting from its use. All material may present unknown hazards than those described above and should be used with caution. Final determination of suitability of any material is the sole responsibility of the user.

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