

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Mannose triflate plus, ultra pure

Print date: 09.01.2020

Product code: 1XX.XXXX

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Mannose triflate plus, ultra pure

Further trade names1,3,4,6-Tetra-O-acetyl-2-O-trifluoromethanesulfonyl-beta-D-mannopyranose
Beta-D-Mannopyranose 1,3,4,6-tetra-O-acetate 2-O-trifluoromethanesulfonate
TATM

CAS No: 92051-23-5

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.3. Details of the supplier of the safety data sheet**

Company name:	ABX advanced biochemical compounds	
	Biomedizinische Forschungsreagenzien GmbH	
Street:	Heinrich-Glaeser-Strasse 10-14	
Place:	D-01454 Radeberg	
Telephone:	+49 3528 4041 60	Telefax: +49 3528 4041 65
e-mail:	info@abx.de	
Internet:	http://www.abx.de	

1.4. Emergency telephone number: +49 3528 4041 60**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

This substance is not classified as hazardous in accordance with Directive 67/548/EEC.

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This substance is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements**Precautionary statements**

P370	In case of fire:
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P270	Do not eat, drink or smoke when using this product.
P210	Keep away from heat. No Smoking.

2.3. Other hazards

Warning - substance not yet tested completely.

SECTION 3: Composition/information on ingredients**3.1. Substances****Chemical characterization**

1,3,4,6-Tetra-O-acetyl-2-O-trifluoromethanesulfonyl-beta-D-mannopyranose

Sum formula: C₁₅H₁₉F₃O₁₂S

Molecular weight: 480.36

SECTION 4: First aid measures**4.1. Description of first aid measures**

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After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

If swallowed, immediately drink: Water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Suppress gases/vapours/mists with water spray jet. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container dry. Keep container tightly closed.

Further information on storage conditions

Maximum storage temperature: -15 °C

Minimum storage temperature: -25 °C

Protect against: Light.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Protective and hygiene measures

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state: solid
Colour: beige, colourless

Test method**Changes in the physical state**

Water solubility: The study does not need to be conducted because the substance is known to be insoluble in water.
Solubility in other solvents: dimethylsulphoxide (DMSO). Methanol. Acetone . ACN

SECTION 10: Stability and reactivity**SECTION 11: Toxicological information****11.1. Information on toxicological effects****SECTION 12: Ecological information****Further information**

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information**Other applicable information**

Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D): 3 - highly water contaminating

SECTION 16: Other information