

SAFETY DATA SHEET

1. Product and Company Identification

Product code: ATJ01
Product name: Jo-1 antigen

Recommended use: For research use only
Company name: AROTEC Diagnostics Limited
Address: 207 Gracefield Road, Lower Hutt 5010, New Zealand
Telephone/Fax: Telephone: +64-4-5690361, Fax: +64-4-5690366
Emergency telephone: 0800-764-766 (NZ); for international world directory of poison centres with local phone numbers refer:
http://www.who.int/gho/phe/chemical_safety/poisons_centres/en/#.VERM5zTweO4.email
Issue date: July 2022

2. Hazards Identification

Component	GHS classification	CAS Registry Number	Concentration
2-Methyl-4-Isothiazolin-3-one hydrochloride	Category 1 & 1B	26172-54-3	<0.008%

Explanation of GHS classifications:

Category 1 Respiratory and skin sensitisation
Category 1B Skin corrosion

Symptoms of Exposure:

2-Methyl-4-Isothiazolin-3-one hydrochloride:

- Severe skin burns and eye damage
- Allergic skin reaction
- Allergy or asthma symptoms or breathing difficulty if inhaled

3. Composition/Information on Ingredients

No components need to be disclosed according to applicable regulations (refer to product insert for details).

4. First Aid Measures

General advice: Consult a physician, show this Safety Data Sheet to the doctor in attendance
Eye contact: Flush immediately with plenty of water then consult a physician
Skin contact: Remove contaminated clothing and shoes immediately, wash with soap and plenty of water
Inhalation: Move into a fresh air environment
Ingestion: Do not induce vomiting, rinse mouth with water, consult a physician

5. Fire-Fighting Measures

Suitable extinguishing media: Use extinguishing measures that are appropriate to the surrounding environment
Hazards from combustion products: None known
Precautions for fire-fighters: Wear self-contained breathing apparatus for fire fighting if necessary

6. Accidental Release Measures

Personal precautions: Ensure adequate ventilation
Environmental precautions: Do not let product enter drains
Methods for containment: Prevent further leakage or spillage if safe to do so
Methods for cleaning up: Pick up and transfer to suitable closed containers for disposal

7. Handling and Storage

Precautions for safe handling: Handle in accordance with good hygiene and safety practice
Conditions for safe storage: Keep containers tightly closed in a cool, contained place

8. Exposure Controls/Personal Protection

Exposure standards: Products do not contain any hazardous materials with workplace exposure limits
Engineering controls: Emergency showers, eyewash stations, ventilation systems

Personal protection

Eye/face: Safety glasses recommended
Skin/body: Handle with gloves, wear suitable clothing such as a lab coat
Respiratory: Respiratory protection is not normally needed when using these products; use a particle respirator for nuisance exposure

9. Physical and Chemical Properties

Appearance: Clear colourless liquid/frozen liquid
Odour: No information available
pH: 7.5
Vapour pressure: No information available
Vapour density: No information available
Boiling point: No information available
Freezing point: No information available
Solubility: No information available
Specific gravity: No information available

10. Stability and Reactivity

Stability: Stable at the recommended storage conditions
Conditions to avoid: None known
Incompatible materials: None known
Hazardous decomposition products: None known

11. Toxicological Information

Acute toxicity: No information available
Skin corrosion/irritation: No information available
Serious eye damage/irritation: No information available
Respiratory or skin sensitisation: No information available
Germ cell mutagenicity: No information available
Carcinogenicity: No information available
Aspiration hazard: No information available

12. Ecological Information

Ecotoxicity: No information available
Persistence and degradability: No information available
Mobility: No information available

13. Disposal Considerations

Disposal methods: Dispose in accordance with appropriate local regulations
Contaminated packaging: Do not re-use empty containers, dispose in accordance with local regulations

14. Transport Information

Proper shipping name: Not regulated by DOT, IATA, ADR, TDG, IMDG
UN number: Not applicable
DG class: Not applicable
Packing group: Not applicable
Special precautions: No information available
HAZCHEM code: Not applicable

15. Regulatory Information

This Safety Data Sheet complies with the requirements of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) 2021– (ST/SG/AC.10/30/Rev.9) and Working safely with hazardous substances, Worksafe NZ – April 2022.

16. Other Information

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