

## SAFETY DATA SHEET

### 1. Product and Company Identification

**Product code:** ATL04  
**Product name:** Liver cytosol (LC-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](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

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**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

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**Appearance:** Clear colourless liquid/frozen liquid  
**Odour:** No information available  
**pH:** 8.0  
**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

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

## 11. Toxicological Information

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**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

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

## 13. Disposal Considerations

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**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

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**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

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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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**Disclaimer:** The information provided here is correct to the best of our knowledge however neither the above-named company nor any of its subsidiaries or distributors assumes any liability whatsoever for the accuracy or completeness of this information. The information given is designed only as a guide to safe handling, use, storage, processing, transportation and disposal and is not to be considered as a warranty for specification or performance in any particular application. Determination of suitability of any material is ultimately the sole responsibility of the user. Although certain hazards are described here, we do not guarantee that other hazards do not exist. All materials may present unknown hazards and should be handled accordingly.