

SAFETY DATA SHEET

1. Product and Company Identification

Product code: ATR05-
Product name: Ro52 antigen – human recombinant

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%
Sodium dodecylsulphate (SDS)	Category 2, 3 & 4	151-21-3	0.02%

Explanation of GHS classifications:

Category 1 Respiratory and skin sensitisation
Category 1B Skin corrosion
Category 2 eye irritation
Category 3 Acute oral toxicity, acute dermal toxicity, and acute inhalation toxicity
Category 4 Acute oral toxicity, acute dermal toxicity, and acute inhalation toxicity
Hazardous to the aquatic environment chronic
Hazardous to soil organisms and to terrestrial vertebrates

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

Sodium Dodecylsulphate:

- Serious eye irritation
- Allergic skin irritation
- 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

Issue Date: July 2022

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.