

Safety Data Sheet

ROS1 antibody

Cat#: orb385437

1. PRODUCT INFORMATION

Product Name: ROS1 antibody

Catalog Number: orb385437

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

The product contains no substances which, at their given concentration, are considered to be hazardous to health.

Label elements

Not dangerous

Precautionary Statements - EU (No 1272/2008)

P280 - Wear protective gloves/ protective clothing

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substances

| Chemical Name | EC-No | CAS-No | Weight % | Classification (Reg. 1272/2008) | REACH Registration |
|---------------|-----------|------------|----------|--|--------------------|
| Sodium azide | 247-852-1 | 26628-22-8 | 0.02 | Acute Tox. 2 (H300) Acute Tox. 1 (H310) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) | No data available |

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

Inhalation Remove affected person to fresh air. Seek medical attention if necessary.

Skin contact Wash off immediately with plenty of water. Remove contaminated clothing. Seek medical attention if necessary.

Eye contact Rinse thoroughly with plenty of water. Seek medical attention if necessary.

Ingestion Rinse mouth with water. Never administer anything orally. Seek medical attention if necessary.

Self-protection of first aider Ensure self-protection by wearing appropriate personal protective equipment.

5. FIREFIGHTING MEASURES

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide depending on the surrounding equipment and materials.

Special protective equipment for firefighters

Wear suitable protective clothing to prevent contact with skin and eyes and self-contained breathing apparatus (SCBA).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Do not take action without suitable clothing. Also refer to section 8. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid breathing vapors, mist, dust or gas.

Environmental precautions Do not allow product to enter water courses. Avoid soil pollution. Also refer to section 12.

Containment Soak up with inert absorbent material.

Cleaning Disinfect area thoroughly.

7. HANDLING AND STORAGE

Safe Handling No special handling advice required but it is recommended to work according to Good Laboratory Practice (GLP)

Storage Keep in properly labelled containers. Refer to datasheet for correct storage conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure controls

Exposure limits

Engineering measures Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Respiratory protection In case of insufficient ventilation wear suitable respiratory equipment.

Hand protection Protective gloves.

Eye protection Safety glasses approved to government standards.

Skin and body protection Wear personal protective equipment and clothing.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls Prevent product from entering water courses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid or Lyophilized

Color: Colorless

Odor: No data available

pH: No data available

Melting point/freezing point: No data available

Initial boiling point and boiling range: No data available

Flash point: No data available

Evaporation rate: No data available

Flammability (solid, gas): No data available

Upper/lower flammability or explosive limits: No data available

Vapor pressure: No data available

Vapor density: No data available

Relative density: No data available

Solubility: Soluble

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

Explosive properties: No data available

Oxidising properties: No data available

10. STABILITY AND REACTIVITY

Reactivity: Stable under recommended transport or storage conditions.

Chemical stability: No hazardous reactions when handled and stored according to provision.

Possibility of hazardous reactions: No data available

Conditions to avoid: Freeze thaw cycles

Incompatible materials: No data available

Hazardous decomposition products: No dangerous decomposition products known

11. TOXICOLOGICAL INFORMATION

Acute toxicity

This product is supplied in small quantities with a concentration below the acceptable limit for hazardous ingredients, the toxicological risk is minimal.

Specific effects

Mutagenic effects No data available

Carcinogenic effects No data available

Reproductive toxicity No data available

Target Organ Effects No data available

Principle Routes of Exposure/ Potential Health effects

Inhalation No data available

Ingestion No data available

Skin May cause skin irritation

Eyes May cause eye irritation

12. ECOLOGICAL INFORMATION

This product is supplied in small quantities with a concentration below the acceptable limit for hazardous ingredients, the ecological risk is minimal.

13. DISPOSAL CONSIDERATIONS

The product and packaging must be disposed of in compliance with the respective national regulations. Observe all Federal, State and Local laws concerning health and pollution. There are no special transport regulations in accordance with ADR/RID (road/rail), IMDG (sea), ICAO/IATA (air).

IATA

Proper shipping name Not classified as dangerous in the meaning of transport regulations

Hazard Class No data available

Subsidiary Class No data available

Packing Group No data available

UN Number No data available

14. TRANSPORT INFORMATION

DOT REGULATIONS

Hazard Class: Non-hazardous for transport

LAND TRANSPORT

ADR/RID Class: Non-hazardous for transport

MARITIME TRANSPORT

IMDG Class: Non-hazardous for transport

AIR TRANSPORT

ICAO/IATA Class: Non-hazardous for transport

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available – No single component contains a hazardous ingredient in an amount that requires identification and labelling according to EC directives

Chemical Safety Assessment

No data available

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3

H300 - Fatal if swallowed

H310 - Fatal in contact with skin

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

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