

## Safety Data Sheet

### IL-4Ra/CD124 Antibody

Cat#: orb1805689

#### 1. Product Information

Product Name: IL-4Ra/CD124 Antibody

Catalog Number: orb1805689

#### 2. Hazards Identification

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

**Label elements:** None

**Hazard statements:** None

**Other hazards:** No data available.

#### 3. Composition/Information on Ingredient

**Buffer:** 100mM Proline/Acetic acid, 20mM Arginine pH 5.0.

#### 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. Fire Fighting 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.

**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

Physical State: Liquid

Boiling point: N/A

Vapor pressure: N/A

Vapor density: N/A

Specific gravity: N/A

Melting point: N/A

Evaporation rate: N/A

Solubility in water: Solutions are dilutable

## 10. Stability and Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

**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

No data available.

### Principle Routes of Exposure/ Potential Health effects

**Inhalation** No data available

**Ingestion** No data available

**Skin** No data available

**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.

## 14. Transport Information

Overland transportation (ADR/RID): The substance is subject to no limitations.

Transatlantic transportation (IMDG): The substance is subject to no limitations.

Air transportation (ICAO/IATA): The substance is subject to no limitations.

## 15. Regulatory Information

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

No data available

### Chemical Safety Assessment

No data available

## 16. Other Information

This reagent is sold only for research use by personnel familiar with the toxicology of organic chemicals and who are well trained in good laboratory habits, such as avoiding spills, keeping hands clean at all times and not rubbing eyes with hands while working in the laboratory.

This reagent is sold only for use in biological research. No other use is intended. The above information is believed to be correct but does not purport to be all-inclusive and shall be used as a guide. We shall not be held liable for any damage resulting from handling or contact with the above product. The burden of safe use of these materials rests solely with the user.