

## Safety Data Sheet

### ALOX12 antibody

Cat#: orb536703

#### PRODUCT IDENTITY:

PRODUCT IDENTITY: ALOX12 antibody

#### COMPOSITION/INFORMATION ON INGREDIENTS:

Glycerol	50% Cas #56-81-5
Double Distilled Water	40-50% Cas #7732-12-5
Animal proteins	10-50%
Sodium Chloride	<0.8% Cas #7647-14-5
Sodium Phosphate, Dibasic	<0.4% Cas #7558-79-4
Proclin300	<0.05% Cas #96118-96-6

The only hazardous substance, Proclin300, is present in these products in very small amounts as an antimicrobial preservative.

#### HAZARDOUS INGREDIENTS

Materials Proclin300, less than or equal to 0.1% (w/v). Toxicity Data LD50=27mg/kg (oral-rat). This product is considered none hazardous under 29 CFR 1910.1200 (Hazard Communication). Physical state of Proclin300-containing antibody: Odorless, light gold color, clear liquid.

#### FIRST AID MEASURES:

**Skin Contact** Wash off skin thoroughly with soap and water. Remove contaminated clothing and wash before re-use.

**Eye Contact** Ensure adequate flushing of eye contamination for at least 15 minutes. Inhalation Remove from exposure, rest and keep warm.

**Ingestion** Wash mouth out thoroughly with water and drink plenty of water.

#### FIRE FIGHTING MEASURES:

Suitable extinguishing media: Water Spray, Carbon Dioxide, Dry Chemical Powder or appropriate foam.

#### ACCIDENTAL RELEASE MEASURES:

Wear appropriate protective clothing. Mop up with an absorbent cloth and Arrange removal by a disposal company. Wash site of spillage thoroughly with water and detergent.

#### HANDLING AND STORAGE:

Use only in area provided with exhaust ventilation. Avoid contact with eyes. Wear a lab coat. Keep container tightly closed, and in a cool and well-ventilated area. Store at -20°C.

#### EXPOSURE CONTROLS/PPE:

Follow good laboratory practice when handling this product. The following precautionary measures are recommended:

- Eye protection: Laboratory safety goggles.
- Hands: Chemical resistant gloves.
- Skin: Laboratory protective clothing.
- Respiratory: Fume hood or in areas with adequate ventilations.

#### PHYSICAL AND CHEMICAL PROPERTIES:

General Information: Form – Liquid.

#### CHEMICAL STABILITY AND REACTIVITY:

Stability	Stable
Conditions to avoid	None known
Incompatibility	None known
Hazardous Polymerization	Will not occur

#### TOXICOLOGICAL INFORMATION:

May be harmful if inhaled and absorbed through skin. May be harmful if swallowed.

May be irritating to mucous membranes and upper respiratory tract. May cause eye/skin irritation.

Carcinogenic effects	Not available
Mutagenic effects	Not available
Reproduction toxicity	Not available
Teratogenic effects	Not available

#### ECOLOGICAL INFORMATION:

Data not yet available.

**DISPOSAL CONSIDERATIONS:**

In accordance with local and national regulations.

**TRANSPORT INFORMATION:**

Not classified as dangerous in the meaning of transport regulations, under IATA DGR year 2016.

**PRECAUTIONS:**

Store the antibodies at -20°C.

The above information is believed to be correct but only used as a guide for experienced personnel. Biorbyt shall not be liable for any damage resulting from the handling or from contact with the above product.

*For research use only, not for diagnostic or therapeutic use.*