# Safety Data Sheet

**According to Regulation (EC) No 1907/2006**

| | |
|---|---|
| Version | 3.0 / EN |
| Revision date | 2024-09-06 |
| Valid after | 2024-09-06 |

## 1. Identification of the Substance/Mixture and of the Company

### 1.1 Product Identifier

| | |
|---|---|
| Trade name: | *abberior* STAR RED, donkey anti-goat IgG<br>(article number: STRED-1055-500UG) |
| REACH No: | This product is a mixture. |

### 1.2 Relevant identified uses and uses advised against

Fluorescent dye for physical/chemical research purposes, spectroscopy, and optical microscopy in biological and biomedical applications.

This product is sold for research and development purposes only and *must not* be used for any human or animal therapeutic, clinical diagnostic or other medical purpose. It is not intended for food, drug, household, agricultural, or cosmetic use.

### 1.3 Details of the Supplier of the Safety Data Sheet

**Manufacturer / Distributor**

Abberior GmbH

**Street / PO Box**

Hans-Adolf-Krebs-Weg 6

**Country Code / Postal Code / City**

DE – 37077 Göttingen, Germany

**Contact for Technical Inquiries**

info@abberior.com

**Phone / Fax**

+49 551 9995 4011 / +49 551 9995 4098

### 1.4 Emergency Telephone Numbers

| | |
|---|---|
| Emergency Phone #: | **0800 181 7059** (CHEMTREC Germany)<br>**+49 (0)696 43508409** (CHEMTREC worldwide) |

# 2. Hazards Identification

## 2.1 Classification of the Substance or Mixture

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

## 2.2 Labelling Elements according Regulation (EC) No 1272/2008

**Hazard Statements (H-phrases)**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

**Precautionary Statements (P-phrases)**

**Prevention:**

| | |
|---|---|
| P262 | Do not get in eyes, on skin, or on clothing. |
| P264 | Wash hands thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P280 | Wear protective gloves. |
| P235 + P410 | Keep cool. Protect from sunlight. |

**Response:**

| | |
|---|---|
| P304+ P341 | IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P305 + P351 + P338 | IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do continue rinsing. |
| P309 + P311 | IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician. |

**Storage:**

| | |
|---|---|
| P402 | Store in a dry place. |
| P404 | Store in a closed container. |
| P411 + P235 | Store at temperatures not exceeding – 15°C. |

**Additional Labelling**

No hazard pictogram, no signal word, no hazard statement(s) required.

### 2.3 Other Hazards

This substance / mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0,1 % or higher.

## 3. Composition/Information on Ingredients

### 3.1 Substances

No components need to be disclosed according to the applicable regulations.

## 4. First Aid Measures

### 4.1 Description of First Aid Measures

General information: Consult a doctor. Show this safety data sheet to the attending physician.

**Following Inhalation**

Fresh air.

**Following Skin Contact**

Take off immediately all contaminated clothing. Rinse skin with water/shower.

**Following Eye Contact**

Remove contact lenses. Immediately rinse with plenty of water, also under the eyelid. Proceed for at least 15 minutes. Consult an ophthalmologist.

**Following Ingestion**

Immediately wash your mouth with plenty of water. Consult a doctor.

### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

### 4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

No data available.

# 5. Fire-Fighting Measures

## 5.1 Extinguishing Media

suitable: Water spray, alcohol resistant foam, dry chemical or carbon dioxide

unsuitable: full water jet

## 5.2 Special Hazards Arising from the Substance or Mixture

Combustible

Development of hazardous combustion gases or vapors possible in the event of fire.

## 5.3 Advice for Fire-Fighters

Wear self-contained breathing apparatus. Coll endangered containers with water spray from a safe distance. Defeat evolving vapors with water. Keep quench water away from drains, surface, and ground water and soil. Wear protective suit to avoid skin contact; stay in safe distance.

## 5.4 Further Information

Prevent fire extinguishing water from contaminating surface water or the ground water system.

# 6. Accidental Release Measures

## 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Advice for non-emergency personnel: Do not breathe vapors, aerosols. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

## 6.2 Environmental Precautions

Do not let product enter drains.

## 6.3 Methods and Material for Containment and Cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up with liquid-absorbent material. Dispose of properly. Clean up affected area.

## 6.4 Reference to Other Sections

Personal protective equipment: see section 8

Disposal: see section 13

# 7. Handling and Storage

## 7.1 Precautions for Safe Handling

### Information about safe handling

For precautions see section 2.2.

### Hygiene measures

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling product.

For precautions see section 2.2.

## 7.2 Conditions for Safe Storage, Including any Incompatibilities

### Storage conditions

Tightly closed. Store the product away from moisture.

The product must not be stored together with pharmaceuticals, foods and feedstuff.

### Storage Stability

Store at temperatures not exceeding – 15°C.

### Storage Class

Storage class (TRGS 510): 10: Combustible liquids

## 7.3 Specific End Use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

# 8. Exposure Controls / Personal Protection

## 8.1 Control Parameters

Ingredients with workplace control parameters.

## 8.2 Exposure Controls

### Personal protective equipment

### Respiratory Protection

Not required except in case of aerosol formation.

**Skin Protection**

The suitable protective gloves must meet the specification of the EC Directive 2016/425 and the standard derived from it according to EN 374.

Gloves must be inspected for damage before use. Use an appropriate removal method to avoid skin contact. Disposal of the contaminated gloves after use within the framework of legal regulations. Washing and drying the hands after work.

**Eye / Face Protection**

Wear face shield and/or safety goggles. Use only equipment that has been tested and approved to government standard. Need product only with standard NIOSH (US) or EN 166 (EU).

**Environmental Exposure Controls**

Prevent further leakage or spillage, if safe to do so. Do not empty into drains.

## 9. Physical and Chemical Properties

### 9.1 Basic Physical and Chemical Properties

| | |
|---|---|
| **Appearance:** | liquid |
| **Solubility:** | PBS, water |
| **Explosive Properties:** | The product is not explosive. |

### 9.2 Other Properties

No other properties available.

## 10. Stability and Reactivity

### 10.1 Reactivity

No reactivity with significant heat production known.

### 10.2 Chemical Stability

The product is chemically stable under ambient conditions (room temperature).

### 10.3 Possibility of Hazardous Reactions

No hazardous reactions known when used properly.

### 10.4 Conditions to Avoid

No information available.

### 10.5 Incompatible Materials

strong oxidizer; strong acid.

### 10.6 Hazardous Decomposition Products

In case of fire: see section 5

## 11. Toxicological Information

### 11.1 Information on Toxicological Effects

**Acute Toxicity**

No data available.

**Skin Corrosion/Irritation**

No data available

**Serious Eye Damage/Irritation**

No data available

**Respiratory or Skin Sensitisation**

No data available

**Germ cell mutagenicity**

No data available.

**Carcinogenicity**

No data available.

**Reproductive Toxicity**

No data available.

**Specific Target Organ Toxicity – single exposure**

No data available

**Specific Target Organ Toxicity – repeated exposure**

No data available.

**Aspiration Hazard**

No data available

# 12. Ecological Information

## 12.1 Toxicity

No data available.

## 12.2 Persistence and Degradability

No data available

## 12.3 Bioaccumulative Potential

No data available

## 12.4 Mobility in Soil

No data available

## 12.5 Results of PBT and vPvB Assessment

This substance / mixture contains no components considered to be either persistent, bioaccumulate and toxic (PBT), or very persistent and very bioaccumulate (vPvB) at levels of 0,1 % or higher.

## 12.6 Other Adverse Effects

Not tested. No adverse are known when handled and disposed properly. Do not allow product to reach sewage system.

# 13. Disposal Considerations

## 13.1 Waste Treatment Methods

Dispose of residues and non-recyclable solutions in accordance with the Waste Directive 2008/98/EC, as well as national and regional regulations. The product should be dissolved in or mixed with a flammable solvent and burned in a chemical incinerator.

Keep only in original containers. Do not mix with other waste. Uncleaned containers or contaminated materials should be treated appropriately for the product.

# 14. Transport Information

## 14.1 UN Number

ADR/RID: - IMDG: - IATA: -

### 14.2 UN Proper Shipping Name

ADR/RID: Not dangerous goods
IMDG: Not dangerous goods IATA:
Not dangerous goods

### 14.3 Transport Hazard Class(es)

ADR/RID: - IMDG: - IATA: -

### 14.4 Packaging Group

ADR/RID: - IMDG: - IATA: -

### 14.5 Environmental Hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

### 14.6 Special Precautions for User

See section 6 - 8

## 15. Regulatory Information

### 15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Not classified. To the best of our knowledge safety, health and environmental regulations according to VO (EC) 1907/2006 are not applicable.

Water hazard class:

WGK 2, clearly hazardous to water classification according to AwSV, Annex 1 (5.2)

### 15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

## 16. Other Information

This product is intended for use only by persons with proper skills and at their own risk. It is the responsibility of the user to determine the product's suitability for its intended use, the product's safe use, and the product's proper disposal. The recommendations given in this data sheet are based on prudent application of professional judgment. The information is given as a guide but shall not be taken as complete. As this product may pose unknown hazards it should be used with caution. Since Abberior GmbH cannot control the conditions of use of the product, it shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SAFETY DATA SHEET DOES

NOT CONSTITUTE A WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

**Contact**

Abberior GmbH
Hans-Adolf-Krebs-Weg 6
37077 Göttingen
Tel. +49 551 9995 4011
E-Mail: info@abberior.com

**Internetseite**

www.abberior.rocks