

Safety Data Sheet

Rat Serum

According to Regulation (EC) No. 1907/2006 (REACH)

Date of Compilation 04.03.2021

Revision Date 16.01.2024

Version 001/01.2024

Replaces Version of 04.03.2021 (Version 000/03.2021)

Section 1 Identification of the Substance/Mixture and of the Company/Undertaking

Product Identifiers

Product name: Rat Serum

Catalogue No: RAT-1B

REACH No. A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration, or the registration is envisaged for a later registration deadline.

Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Identified uses: For research use only. Not intended for human or animal diagnostic or therapeutic uses.

Details of the Supplier of the Safety Data Sheet

Company: Capricorn Scientific GmbH
Auf der Lette 13 A
35085 Ebsdorfergrund
Germany
Phone: +49 6424 94464 0
E-Mail: info@capricorn-scientific.com

Emergency Telephone Number

Emergency Phone: During Office Time: +49 6424 94464 0.

Section 2 Hazards Identifications

Classification of the substance or mixture

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

Label elements

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

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.

Safety Data Sheet

Rat Serum

According to Regulation (EC) No. 1907/2006 (REACH)

Date of Compilation 04.03.2021

Revision Date 16.01.2024

Version 001/01.2024

Replaces Version of 04.03.2021 (Version 000/03.2021)

Section 3 Composition/Information on Ingredients

Substances

Chemical description: Organic compounds

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

Section 4 First Aid Measures

Description of first aid measures

If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact Wash off with soap and plenty of water. In case of modifications on the skin, seek medical advice with this safety data sheet.

In case of eye contact Rinse thoroughly with plenty of water, also under the eyelids. Remove contact lenses.

If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. If feeling unwell consult medical advice.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

Indication of any immediate medical attention and special treatment needed

No data available.

Section 5 Firefighting Measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

Special hazards arising from the substance or mixture

Carbon oxides.

Advice for firefighters

Wear self-contained breathing apparatus and protective suit for firefighting if necessary.

Safety Data Sheet

Rat Serum

According to Regulation (EC) No. 1907/2006 (REACH)

Date of Compilation 04.03.2021

Revision Date 16.01.2024

Version 001/01.2024

Replaces Version of 04.03.2021 (Version 000/03.2021)

Further information

The product itself does not burn.

Section 6 Accidental Release Measures

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.

Environmental precautions

Do not let product enter drains.

Methods and materials 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.

Reference to other sections

For disposal see section 13.

Section 7 Handling and Storage

Precautions for safe handling

For precautions see section 2

Conditions for safe storage, including any incompatibilities

Keep in properly labelled, tightly closed containers; Store at $\leq -15^{\circ}\text{C}$. Transport with dry ice.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

Safety Data Sheet

Rat Serum

According to Regulation (EC) No. 1907/2006 (REACH)

Date of Compilation 04.03.2021

Revision Date 16.01.2024

Version 001/01.2024

Replaces Version of 04.03.2021 (Version 000/03.2021)

Section 8 Exposure Controls/Personal Protection

Control parameters

Contains no substances with occupational exposure limit values.

Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses.

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Not required; except in case of aerosol formation.

Control of environmental exposure

Do not let product enter drains.

Section 9 Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Form: clear amber liquid.
Odor	No data available.
pH	7.0 – 8.0
Melting/freezing point	No data available.
Initial boiling point and range	No data available.

Safety Data Sheet

Rat Serum

According to Regulation (EC) No. 1907/2006 (REACH)

Date of Compilation 04.03.2021
Revision Date 16.01.2024
Version 001/01.2024
Replaces Version of 04.03.2021 (Version 000/03.2021)

Flash point	No data available
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability or exposure limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Water 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.
Oxidizing properties	No data available.

Other safety information

No data available

Section 10 Stability and Reactivity

Reactivity

No data available.

Chemical stability

The product is chemically stable under recommended conditions.

Possibility of hazardous reactions

No data available.

Conditions to avoid

No data available.

Incompatible materials

Strong oxidizing agents.

Safety Data Sheet

Rat Serum

According to Regulation (EC) No. 1907/2006 (REACH)

Date of Compilation 04.03.2021

Revision Date 16.01.2024

Version 001/01.2024

Replaces Version of 04.03.2021 (Version 000/03.2021)

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides

Other decomposition products - No data available

In the event of fire: see section 5.

Section 11

Toxicological Information

Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/eye irritation

No data available.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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.

Additional Information

No information available.

Safety Data Sheet

Rat Serum

According to Regulation (EC) No. 1907/2006 (REACH)

Date of Compilation 04.03.2021

Revision Date 16.01.2024

Version 001/01.2024

Replaces Version of 04.03.2021 (Version 000/03.2021)

Section 12 Ecological Information

Toxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

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.

Other adverse effects

Not described.

Section 13 Disposal Considerations

Waste treatment methods

Consult the authorized waste service manager on the assessment and disposal operations. As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommend disposal down the drain.

Section 14 Transport Information

UN-number

ADR/RID: - IMDG: - IATA: -

UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

Safety Data Sheet

Rat Serum

According to Regulation (EC) No. 1907/2006 (REACH)

Date of Compilation 04.03.2021

Revision Date 16.01.2024

Version 001/01.2024

Replaces Version of 04.03.2021 (Version 000/03.2021)

Packaging group

ADR/RID: - IMDG: - IATA: -

Environmental hazards

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

Special precautions for user

No data available.

Further information

Not classified as dangerous in the meaning of transport regulations.

Section 15 Regulatory Information

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical Safety Assessment

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

Section 16 Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.