

Safety Data Sheet

Accutase Cell Detachment Solution

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

Revision Date: 28.09.2017

Print Date: 02.10.2017

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

Product identifiers

Product name: Accutase Cell Detachment Solution

Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Laboratory chemicals, Manufacture of substances.

This material is intended for research or manufacturing use only. Not for use in humans or clinical diagnosis.

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 Identification

Signal Word

Not hazardous

Health Hazards

Not hazardous

Physikal Hazards

Not hazardous

Principle Routes of Exposure/Potential Health Effects

Eyes	May cause eye irritation with susceptible persons
Skin	May cause eye irritation with susceptible persons
Inhalation	May be harmful by inhalation
Ingestion	May be harmful by inhalation

Specific Effects

Carcinogenic Effects	none
Mutagenic effects	none
Reproductive Effects	none
Sensitization	none
Target Organ Effects	none

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HMIS

Health	0
Flammability	0
Reactivity	0

SECTION 3 Composition/Information on Ingredients

Ingredient	Percent	CAS #	EC #
1x Accutase Enzyme		None	None
Dulbecco's Phosphate Buffered Saline		None	None
Ethylenediaminetetraacetic Acid Tetrasodium Salt Dihydrate	0.002%	10378-23-1	None
Symbols: Xi (Irritant) R-Phrases: 36/37/38 (Irritating to eyes, respiratory system and skin).			
Phenol Red Sodium Salt	0.0003%	34487-61-1	252-057-8
Symbols: Xi (Irritant) R-Phrases: 36/37/38 (Irritating to eyes, respiratory system and skin).			

SECTION 4 First Aid Measures

Skin contact	Wash off with soap and plenty of water. Consult a physician.
Eye contact	Flush eyes with water as a precaution for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Consult a physician.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Notes to physician	Treat symptomatically.

SECTION 5 Firefighting Measures

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective suit.

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SECTION 6 Accidental Release Measures

Personal precautions	Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
Methods for cleaning up	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.
Environmental precautions	Do not let product enter drains.

See Section 12 for additional information.

SECTION 7 Handling and Storage

Handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Avoid prolonged or repeated exposure.

Storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature: -20°C.

SECTION 8 Exposure Controls/Personal Protection

Exposure limits

We are not aware of any national exposure limit.

Engineering measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

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

Hand protection Impervious gloves.

Eye protection Safety glasses with side-shields.

Skin and body protection Lightweight protective clothing.

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

SECTION 9 Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state at 20 °C: Liquid

Water solubility: No data available.

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Important Health Safety and Environmental Information

Boiling point/range	°C	No data available.
Melting point/range	°C	No data available.
Flash point	°C	No data available.
Autoignition temperature	°C	No data available.
Oxidising properties	°C	No data available.

SECTION 10 Stability and Reactivity

Stability	No information available.
Materials to avoid	No information available.
Hazardous decomposition	No information available.
Polymerisation	No information available.

SECTION 11 Toxicological Information

Acute toxicity

No data available.

Principle Routes of Exposure/Potential Health effects

Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	No information available.
Skin corrosion/irritation	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	IARC: No component 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 information available.
Specific target organ toxicity – single exposure	No information available.
Specific target organ toxicity – repeated exposure	No information available.
Aspiration hazard	No information available.
Potential health effects	
Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion	May be harmful if swallowed.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.
Signs and Symptoms of Exposure	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Additional Information	RTECS: No data available.

SECTION 12 Ecological Information

Ecotoxicity effects	No information available.
Mobility	No information available.

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Biodegradation No information available.
Bioaccumulation No information available.

SECTION 13 Disposal Considerations

Dispose of in accordance with local regulations.

SECTION 14 Transport Information

IATA

Proper shipping name	Not classified as dangerous in the meaning of transport regulations.
Hazard class	No information available.
Subsidiary Class	No information available.
Packing group	No information available.
UN-No	No information available.

SECTION 15 Regulatory Information

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

Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available.

Chemical Safety Assessment
No data available.

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.