

Safety Data Sheet

Accutase □□□□□ - 100 ml | 830100



Section 1: identification of the mixture and of the company/undertaking

1.1. Product identifier: Various cell culture media supplied by Cytion GmbH. Cytion Catalog Number: Various
Relevant identified uses of the mixture and uses advised against:

- For in vitro research use only.
- For professional, industrial use.
- Not for use in human, therapeutic, or diagnostic applications.

1.2. Details of the supplier of the safety data sheet:

German Headquarters:

- **Company name:** Cytion GmbH
- **Address:** Dr.-Eckener-Str. 8, 69214 Eppelheim, Germany
- **Telephone:** +49 (0)6221-40578-0
- **Email:** info@cytion.com
- **Responsible person:** Jonathan Steubing

US Office:

- **Company name:** Cell Lines Service LLC, d/b/a Cytion
- **Address:** 6330 S Western Ave #140, Sioux Falls, SD 57108, United States
- **Telephone:** +1 605-800-7310
- **Email:** contact@us.cytion.com
- **Responsible person:** Oliver Goernhardt

Emergency telephone numbers:

- Germany: +49 6221-405-780
- United States: +1 605-800-7310

Section 2: hazards identification

2.1. Classification of the mixture:

- Categorized as noninfectious and non-toxic
- **GHS Symbol:** NA
- **Signal Word:** NA
- **HMIS Rating:**
 - Health: 0
 - Flammability: 0
 - Reactivity: 0
- **NFPA Rating:**
 - Health: 0
 - Flammability: 0
 - Reactivity: 0
- **Biological Hazards:** NA
- **Chemical Hazards:** NA
- **Physical Hazards:** NA
- **Classification according to Regulation (EC) No 1272/2008 (CLP):**

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- Clean contaminated surfaces thoroughly.
- Autoclave before disposal into appropriate containers.
- If spilled, follow appropriate cleaning procedures.
- Use absorbent material and disinfect.
- Wash contaminated clothing separately.
- Wash with soap and water.
- Additional personal protective equipment for cleaning may be mandatory.

6.4. Reference to other Sections:

- For further and detailed information, see Sections 8 and 13.

Section 7: handling and storage

7.1. Precautions for safe handling:

- Observe conventional hygiene precautions.
- Handle and store according to instructions on the product information sheet.

Technical measures:

- Follow established laboratory procedures when handling.
- Open only under a sterile workbench.
- Wear protective equipment.
- Handle as if containing infectious material.

Precautions against fire and explosion:

- No special measures required.

7.2. Conditions for safe storage, including any incompatibilities:

Technical measures and storage conditions:

- Handle and store according to instructions on the product information sheet.
- Keep bottles tightly closed in a dry place.
- Store at +2-8°C.

Incompatible materials:

- See Section 10.5.

Packaging material:

- No special prescriptions.

7.3. Specific end use(s):

- For in vitro research use only.
- For professional, industrial use.
- Not intended for clinical or diagnostic applications.

Section 8: exposure controls/personal protection

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Parameter	Value / Test Method / Remarks
pH	No data*
Melting point/freezing point	No data*
Initial boiling point and boiling range	No data*
Flash point	No data*
Evaporation rate	No data*
Flammability (solid, gas)	No data*
Upper/lower flammability or explosive limits	No data*
Vapour pressure	No data*

| Vapour density | No data // *Relative density* / No data | | Solubility(ies) | No data // *Partition coefficient: n-octanol/water* / No data | | Auto-ignition temperature | No data // *Decomposition temperature* / No data | | Viscosity | No data // *Explosive properties* / No data | | Oxidizing properties | No data* |

9.2. Other information:

Chemical Properties:

- Cell culture media are clear transparent or yellow to red liquids (pH 6-8), containing inorganic salts, vitamins, amino acids, carbohydrates, other nutrients, and phenol red (except transparent liquids, phenol-red-free) dissolved in water.
- Ready-to-use media may contain FBS.

*: The manufacturer did not carry out any tests on this parameter for the product or the results of the tests are not available at the time of publication of the data sheet.

Section 10: stability and reactivity

10.1. Reactivity:

- No reactivity known.

10.2. Chemical stability:

- Stable under normal conditions.

10.3. Possibility of hazardous reactions:

- Hazardous polymerization: will not occur.

10.4. Conditions to avoid:

- No conditions to avoid known.

10.5. Incompatible materials:

- No incompatible materials known.

10.6. Hazardous decomposition products:

- No hazardous decomposition products known.

- Concerning the Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH), establishing a European Chemicals Agency.
- **REGULATION (EC) No 1272/2008:**
 - On classification, labelling, and packaging of substances and mixtures.
- **COMMISSION REGULATION (EU) No 2015/830:**
 - Amending Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH).
- All necessary licenses for import, holding, transfer, and export are in place from Cytion. The recipient must provide evidence of permits and licenses required by law for receiving and handling. Substances are for research use only.

15.2. Chemical safety assessment:

- No information.

Section 16: other information

Information regarding the revision of the safety data sheet:

- No information.

Literature references/data sources:

- Safety data sheet issued by the manufacturer (October 2020, English).

Methods used for the classification according to Regulation (EC) No 1272/2008:

- Not considered a hazardous mixture.

Relevant hazard statements (code and full text) of Sections 2 and 3:

- **H301:** Toxic if swallowed.
- **H311:** Toxic in contact with skin.
- **H319:** Causes serious eye irritation.
- **H335:** May cause respiratory irritation.

Training advice:

- No data available.

Full text of the abbreviations in the safety data sheet:

- **ADN:** The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
- **ADR:** The European Agreement concerning the International Carriage of Dangerous Goods by Road.
- **ATE:** Acute Toxicity Estimate.
- **AOX:** Adsorbable organic halides.
- **BCF:** Bioconcentration factor.
- **BOD:** Biological Oxygen Demand.
- **CAS number:** Chemical Abstract Service number.
- **CLP:** Regulation (EC) No 1272/2008 on classification, labelling, and packaging of substances and mixtures.
- **CMR effects:** Carcinogenic, mutagenic, reprotoxic effects.
- **COD:** Chemical Oxygen Demand.

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- **CSA:** Chemical Safety Assessment.
- **CSR:** Chemical Safety Report.
- **DNEL:** Derived-No-Effect-Level.
- **ECHA:** European Chemical Agency.
- **EC:** European Community.
- **EC number:** EINECS and ELINCS numbers

(see also EINECS and ELINCS).

- **EEC:** European Economic Community.
- **EEA:** European Economic Area (EU + Iceland, Liechtenstein, and Norway).
- **EINECS:** European Inventory of Existing Commercial Chemical Substances.
- **ELINCS:** European List of Notified Chemical Substances.
- **EN:** European Norm.
- **EU:** European Union.
- **EWG:** European Waste Catalogue (replaced by LoW – see below).
- **GHS:** Globally Harmonized System of Classification and Labelling of Chemicals.
- **IATA:** International Air Transport Association.
- **ICAO-TI:** Technical Instructions for the Safe Transport of Dangerous Goods by Air.
- **IMDG:** International Maritime Dangerous Goods.
- **IMSBC:** International Maritime Solid Bulk Cargoes.
- **IUCLID:** International Uniform Chemical Information Database.
- **IUPAC:** International Union of Pure and Applied Chemistry.
- **Kow:** n-Octanol - Water Partition Coefficient.
- **LC50:** Lethal concentration resulting in 50% mortality.
- **LD50:** Lethal dose resulting in 50% mortality (median lethal dose).
- **LoW:** List of Waste.
- **LOEC:** Lowest Observed Effect Concentration.
- **LOEL:** Lowest Observed Effect Level.
- **NOEC:** No Observed Effect Concentration.
- **NOEL:** No Observed Effect Level.
- **NOAEC:** No Observed Adverse Effect Concentration.
- **NOAEL:** No Observed Adverse Effect Level.
- **OECD:** Organization for Economic Cooperation and Development.
- **OSHA:** Occupational Safety and Health Administration.
- **PBT:** Persistent, Bioaccumulative, and Toxic.
- **PNEC:** Predicted No Effect Concentration.
- **QSAR:** Quantitative Structure Activity Relationship.
- **REACH:** Regulation 1907/2006/EC concerning the Registration, Evaluation, Authorisation, and Restriction of Chemicals.
- **RID:** Regulations Concerning the International Transport of Dangerous Goods by Rail.
- **SCBA:** Self Contained Breathing Apparatus.
- **SDS:** Safety Data Sheet.
- **STOT:** Specific Target Organ Toxicity.
- **SVHC:** Substances of Very High Concern.
- **UN:** United Nations.
- **UVCB:** Chemical Substances of Unknown or Variable Composition, Complex Reaction Products, and Biological Materials.
- **VOC:** Volatile Organic Compound.
- **vPvB:** very Persistent and very Bioaccumulative.

Disclaimer:

This safety data sheet has been prepared by MSDS-Europe (International branch of Toxinfo Kft.) on the basis of information provided by the manufacturer/supplier and conforms to the relevant regulations. For professional help

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