

## Safety Data Sheet

Colcemid Solution (10µg/ml) in DPBS

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

Date of compilation 02.10.2017

Revision date 27.11.2023

Version 004/11.2023

Replaces version of 10.03.2022 (Version 003/03.2022)

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

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#### Product Identifiers

Product name: Colcemid Solution (10µg/ml) in DPBS

Catalogue No: COL-H

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: Laboratory chemicals, Manufacture of substances

#### 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](mailto:info@capricorn-scientific.com)

#### Emergency Telephone Number

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

### Section 2 Hazards Identifications

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#### 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.

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### Section 3 Composition/Information on Ingredients

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#### Mixtures

Synonyms: N-Deacetyl-N-methylcolchicine  
Demecolcine

No components need to be disclosed to the applicable regulations.

### Section 4 First Aid Measures

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#### Description of first aid measures

**If inhaled** Move to fresh air. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.

**In case of skin contact** Rinse skin with water/ shower.

**In case of eye contact** Rinse out with plenty of water. Remove contact lenses. If eye irritation persists, consult a specialist.

**If swallowed** Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Rinse mouth with water.

#### 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

The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.

### Section 5 Firefighting Measures

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#### Extinguishing media

##### Suitable extinguishing media

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

#### Advice for firefighters

In the event of fire, wear self-contained breathing apparatus

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### Section 6 Accidental Release Measures

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#### Personal precautions, protective equipment and emergency procedures

Avoid for non-emergency personnel: Do not breath 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

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

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#### Precautions for safe handling

For precautions see section 2

#### Conditions for safe storage, including any incompatibilities

**Storage conditions.** Tightly closed.

Recommended storage temperature 2-8 °C.

#### Storage class

Storage class (TRGS 510): 12: non Combustible Liquids.

#### Specific end use(s)

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

### Section 8 Exposure Controls/Personal Protection

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#### Control parameters

Components with workplace control parameters

#### Exposure controls

Personal protective equipment

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### 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 Regulation (EU) 2016/425 and the standard EN 374 derived from it.

Full contact/Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0,11 mm

Break through time: 480 min

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

### 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

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### Information on basic physical and chemical properties

Appearance	Form: liquid
Odor	Very faint
pH	No data available
Melting/freezing point	No data available
Initial boiling point and range	No data available
Flash point	Does not flash
Evaporation rate	No data available
Flammability (solid, gas)	Not flammable

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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	Completely miscible
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity (kinematic/dynamic)	No data available
Explosive properties	Not classified as explosive
Oxidizing properties	Not classified as oxidizing
<b>Other safety information</b>	No data available

### Section 10 Stability and Reactivity

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#### Reactivity

No dangerous reaction known under conditions of normal use

#### Chemical stability

The product is chemically stable under recommended storage conditions

#### Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use

#### Conditions to avoid

No data available.

#### Incompatible materials

Strong oxidizing agents.

#### Hazardous decomposition products

No decomposition if stored and applied as directed.

### Section 11 Toxicological Information

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#### Information on toxicological effects

##### Mixture

##### Acute toxicity

Oral: No data available

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Inhalation: No data available  
 Dermal: No data available

<b>Skin corrosion/irritation</b>	No data available.
<b>Serious eye damage/irritation</b>	No data available.
<b>Respiratory or skin sensitization</b>	No data available.
<b>Germ cell mutagenicity</b>	No data available.
<b>Carcinogenicity</b>	No data available.
<b>Reproductive toxicity</b>	No data available.
<b>Specific target organ toxicity - single exposure</b>	No data available.
<b>Specific target organ toxicity - repeated exposure</b>	No data available.
<b>Aspiration Hazard</b>	No data available.

### Additional information Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

## Section 12 Ecological Information

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<b>Toxicity</b>	No data available.
<b>Persistence and degradability</b>	No data available.
<b>Bioaccumulative potential</b>	No data available.
<b>Mobility in soil</b>	No data available.

### Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

**Other adverse effects** No data available.

## Section 13 Disposal Considerations

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### Waste treatment methods Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

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### Contaminated packaging

Dispose of as unused product.

## Section 14 Transport Information

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### 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: -

### 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

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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.

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### Section 16

### Other Information

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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.