

Safety Data Sheet

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

Revision Date: 21.08.2018

Print Date: 15.10.2018

This Material Safety Data Sheet (MSDS) has been written in accordance with European Union Council Directive 98/24/EC of 7th April on the protection of the health and safety of workers from the risks related to chemical agents at work (fourteenth individual directive within the meaning of Article 16(1) of the Directive 89/391/EEC). Commission Directive 2001/58/EC of 27th July 2001 amending for the second time Directive 91/155/EEC defining and laying own the detailed arrangements for the system of information relating to dangerous preparations in implementation of Article 14 of the European Parliament Directive 1999/45/EC and relating to dangerous substances in implementation of Article 27 of Council Directive 67/548/EEC (safety data sheets). Appropriate risk and safety phrases are cited in this MSDS.

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

1.1 Product identifiers

Product name: HepaPrime
EndoPrime
NK-Prime
Cat. No.: HPR-A (500 ml), HPR-B (100 ml)
EPR-A (500 ml), EPR-B (100 ml)
NKR- (100 ml), NKR-G (20 ml)

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

Identified uses: Laboratory chemicals, Manufacture of substances

1.2 Details of the supplier of the safety data sheet

Company: Capricorn Scientific GmbH
Auf der Lette 13 A
35085 Ebsdorfergrund
Germany
Phone: +49 6424 9446420
E-Mail: info@capricorn-scientific.com

1.3 Emergency telephone number

Emergency Phone: During Office Time +49 6424 9446420.

SECTION 2 Hazards Identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards

None.

SECTION 3 Composition/Information on Ingredients

3.1 Substances

No components need to be disclosed according to the applicable regulations. In brief, HepaPrime, EndoPrime and NK-Prime contain a mixture of components that may include, but is not limited to: inorganic salts, vitamins, amino acids, carbohydrates and other nutrients dissolved in water.

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SECTION 4 First Aid Measures

4.1 Description of first aid measures

Ingestion:

If person is unconscious seek emergency medical attention; never give anything by mouth to an unconscious person. If the person is conscious wash mouth out with copious amounts of water and call a physician. Do not induce vomiting unless directed to do so by a physician.

Inhalation:

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

Dermal exposure:

Wash skin with soap and plenty of water.

Eye exposure:

Flush eyes with copious amounts of water for at least 15 minutes with eyelids separated and call a physician.

4.2 Note to Physicians:

Treat symptomatically and supportively.

SECTION 5 Firefighting Measures

5.1 General information

Wear Self-Contained breathing apparatus in pressure demand, MSHA/NIOSH approved. During a fire, irritating and toxic gases may be generated by the thermal decomposition.

5.2 Extinguishing media

Water spray, carbon dioxide, dry chemical powder, Halon (where regulations permit), or appropriate foam.

5.3 Autoignition temperature

N/A

5.4 Explosion limits

N/A

5.5 Flash point

N/A

SECTION 6 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors, mist or gas. For personal protection see section 8.

6.2 Environmental precautions

None required.

6.3 Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7 Handling and Storage

Handle and store according to instructions on product information sheet and label

7.1 Recommended storage conditions:

-20°C

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- 7.2 Special requirements
Follow established laboratory procedures when handling material.

SECTION 8 Exposure Controls/Personal Protection

- 8.1 Engineering controls
General industrial hygiene practice.
- 8.2 Personal protective equipment:
Including Safety Glasses or goggles, Chemical Resistant Gloves, and appropriate clothing to prevent skin exposure. In addition, a Respiratory protection program that complies with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.
- 8.3 Exposure limits:
No exposure limits for this material have been established by ACGIH, NIOSH, or OSHA. There are no Vacated OSHA PEL for this material.

SECTION 9 Physical and Chemical Properties

- 9.1. Physical state:
Frozen or freeze dried
- 9.2. Other safety information
No information is available for pH, vapour pressure, vapour density, evaporation rate, viscosity, boiling point, freezing/melting point, decomposition temperature, solubility, specific gravity/density, or molecular weight.

SECTION 10 Stability and Reactivity

- 10.1. Chemical stability
Stable.
- 10.2. Conditions to avoid
No information available.
- 10.3. Hazardous decomposition products
No information available.
- 10.4. Hazardous polymerisation
Will not occur.

SECTION 11 Toxicological Information

- 11.1. Toxicity data
Data not available.
- 11.2. Effects of long term or repeated exposure:
Data not available.
- 11.3. Chronic exposure – teratogen:
Data not available.
- 11.4. Chronic exposure-mutagen:
Data not available.
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11.5 Chronic exposure-reproductive hazard:
Data not available.

No information was found in relation to: RTECS, LD50/LC50, carcinogenicity, epidemiology, teratogenicity, reproductive effects, mutagenicity, or neurotoxicology.

Note: The toxicological properties of these substances have not been fully investigated.

SECTION 12 Ecological Information

No ecological information available.

SECTION 13 Disposal Considerations

Wear a laboratory coat and protective laboratory gloves. Place paper towels or other absorbent material in case of spillage. Dispose of liquid waste down a designated sink with running water.

SECTION 14 Transport Information

14.1. UN-number
1845 – Dry Ice.
Dry Ice not deemed dangerous by road transport only air.

14.4. Packaging group
3 – lowest grade of packaging

14.5. Additional information
Additional information arising from the Carriage of Dangerous Goods by Road & Air (Classification, Packaging and Labelling).

SECTION 15 Regulatory Information

Capricorn Scientific confirms that all necessary licenses (import, holding, transfer and export) required for the consignment of this material are in place. This organism/material may be covered by German or International legislation.

SECTION 16 Other Information

The above information is believed to be correct based upon the available data. Users should make an independent decision regarding the accuracy of this information based on their needs and data available to them. All substances and mixtures may present unknown hazards and all necessary safety precautions should be taken. Capricorn Scientific assumes no liability resulting from using or coming in contact with these substances.

In the event of an accident involving exposure of a person to the material contained in the samples, contact Capricorn Scientific during normal German working hours. Refer to section 1 for full contact details.

The above information is correct to the best of our knowledge. All material and mixtures may present unknown hazards and should be used with caution.

The user should make independent assessments and decisions regarding the completeness of the information based on all sources available.

Capricorn Scientific shall not be held liable for any damage resulting from handling or contact with the above product.