

— Safety Data Sheet —

HTD™ Cytoplasm Stains

Identification of the preparation / Substance and of the company

Preparation Name : HTD™ Cytoplasm Stains

Catalog Number : HTD323-C1ML

Use of the preparation : For laboratory use.

Company identification : BIO-HELIX Co., LTD.

Site : <http://www.bio-helix.com>

E-mail : info@bio-helix.com

Composition / Information on ingredients

Ingredients

Chemical name	Conc.	CAS#	EC#
HTD™ iso components based on organic ester	1 % (W/V)	-	-

Hazards identification

Form : Liquid	
Principle Routes of Exposure/Potential Health effects	
Eyes	Not Hazardous
Skin	Not Hazardous
Inhalation	Not Hazardous
Ingestion	Not Hazardous
Specific effects	
Carcinogenic Effects	No information available 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
Sensitization	No information available
Target Organ Effects	No information available
HMIS	
Health	0
Reactivity	0
Flammability	0

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First Aid Measures

Ingestion : Never give anything by mouth to an unconscious person. Consult a physician.

Inhalation : Move to fresh air. If symptoms persist, call a physician.

Skin contact : Wash off immediately with plenty of water. If symptoms persist, call a physician.

Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

If eye irritation persists, consult a specialist.

Notes to physician : Treat symptomatically.

Fire-fighting measures

Suitable extinguishing agents : Water spray, carbon dioxide (CO₂), foam, and dry chemical.

Protective equipment : Wear self-contained breathing apparatus and protective suit.

Accidental release measures

Personal precautions : Use personal protective equipment.

Methods for cleaning up : Soak up with inert absorbent material.

Handling and storage

Handling : Wash thoroughly after handling. Wash hands before eating. Keep container tightly closed.

Use with adequate ventilation.

Storage : Keep container closed and well-ventilated place when not in use. Store at room temperature.

Exposure controls / personal protection

Components with workplace control parameters.

Additional information :

General protective and hygienic measures : Prevent product from entering drains.

Engineering measures : Ensure adequate ventilation, especially in confined areas.

Personal protection : In case of insufficient ventilation wear suitable respiratory equipment

- Respiratory protection : Protective gloves.

- Hand protection : Safety glasses with side-shields.

- Eye protection : Lightweight protective clothing.

- Skin protection : Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls : In case of insufficient ventilation wear suitable respiratory equipment.

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Physical and chemical properties

General Information

Appearance : Liquid.

Color : Light yellow.

Odor : No data available.

Boiling point : Mixture has not been tested.

Melting point : Mixture has not been tested.

Flash Point : Mixture has not been tested.

Autoignition temperature : Mixture has not been tested.

Oxidizing properties : Not applicable.

Solubility in / miscibility with water : Moderate.

Stability and reactivity

Stability : Stable under normal conditions.

Materials to avoid : Safe under conditions of normal use.

Hazardous decomposition products : No information available.

Hazardous polymerization : Hazardous polymerization does not occur.

Toxicological information

Acute toxicity : No data available.

Primary irritant effect : No irritant effect.

On the skin : No irritant effect.

On the eye : No irritant effect.

Sensitization : No sensitizing effects known.

Ecological information

Mobility : No information available.

Biodegradation : No information available.

Bioaccumulation : No information available.

Disposal considerations

Recommendation : Dispose according to current regional and national rules.

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Transport information

Proper shipping name : Not classified as dangerous in the meaning of transport regulations.

Road / Railway Haulage ADR / RID : Not restricted.

Sea Freight IMO (IMDG) : Not restricted.

Air Freight IATA (ICAO) : Not restricted.

UN Number : Not restricted.

Regulatory information

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

None of the chemicals in this product are considered highly hazardous by OSHA.

Other information

This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use.

An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material.

The above information was acquired by diligent search and / or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may be present unknown hazards and should be used with caution. Since Bio-Helix Co., Ltd. cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. The information in this SDS does not constitute a warranty, express or implied, including any implied warranty of merchantability or fitness for any particular purpose.