



Document: MS8136A
Release date: Aug 18, 2024

App

Section 1 Product and Company Identification

Product code: MS8136 Product name: Ice-free bath Rapid Transfer Bu

Supplier: YAMAYBIO INC

Address: 6191 Cornerstone Court, Suite 107, San Diego, CA 92121, USA

Recommended Use: For research use only.

Restrictions on Use: Not for clinical use. Not for internal use in animals or humans. Not for diagnostic use. Not for household or a use.

Section 2 Hazards Identification

EMERGENCY OVERVIEW:

Harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eye. Wash thoroughly after handling. Keep container closed.

HMIS RATING

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0

For additional information on toxicity, please refer to Section 11.

Section 3 Composition/ Information on Ingredients

Chemical characterization: Mixtures

Ingredient	CAS No.	EINECS-No	Weight %
Tris Base	77-86-1	201-64-4	10-15
Tris (Hydroxymethyl) Aminomethane Hydrochloride	1185-53-1	214-684-5	2-10

There are no other ingredients present which within the current knowledge of the supplier and in the concentrations applicable, are hazardous according to the OSHA Hazard Communications Standard (29 CFR 1910.1200) and require reporting in this section.

Section 4 First Aid Measures

ORAL EXPOSURE If swallowed, wash out mouth with water provided person is conscious. Call a physician.
INHALATION EXPOSURE If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
DERMAL EXPOSURE In case of contact, wash skin with water.
EYE EXPOSURE In case of contact with eyes, flush with copious amounts of water for at least 15 minutes, flushing by separating the eyelids with fingers.

Section 5 Fire Fighting Measures

FLASH POINT N/A
AUTOIGNITION TEMP N/A
FLAMMABILITY N/A
EXTINGUISHING MEDIA

Suitable

Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

Not suitable

No information available

FIREFIGHTING

Wear self-contained breathing apparatus and protective clothing to prevent contact w

Section 6 Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Ensure adequate ventilation. Always wear recommended Personal Protective Equipm
protection equipment.

ENVIRONMENTAL PRECAUTIONS

No special environmental precautions required.

METHODS AND MATERIAL FOR CONTAINMENT

Soak up with inert absorbent material.

Section 7 Handling and Storage

SAFE HANDLING

Use personal protective equipment as required. No special handling advices are neci

SAFE STORAGE

Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers. Stc
with local regulations.

Section 8 Exposure Controls / Personal Protection

PERSONAL PROTECTIVE EQUIPMENT

Respiratory

In case of insufficient ventilation wear respirators and components tested and approv
government standards.

Hand

Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.

Eye

Tight sealing safety goggles.

Skin and Body

Wear suitable protective clothing.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

ENVIRONMENTAL EXPOSURE CONTROLS

No special environmental precautions required.

Section 9 Physical and Chemical Properties

Appearance Physical State

White or off-white Granules

Solvent Content

N/A

Section 10 Stability and Reactivity

STABILITY

Stable under normal conditions.

Materials to Avoid

Strong oxidizing agents, metals, acids.

HAZARDOUS DECOMPOSITION PRODUCT

Hazardous Decomposition Products

No dangerous decomposition products known

HAZARDOUS POLYMERIZATION

Hazardous Polymerization

No data available.

Section 11 Toxicological Information

ROUTE OF EXPOSURE

Skin Contact

May cause skin irritation.

Skin Absorption

May be harmful if absorbed through the skin.

Eye Contact	May cause eye irritation.
Inhalation	Material may be irritating to mucous membranes and upper respiratory tract. May be
Ingestion	May be harmful if swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12 Ecological Information

Toxicity	The environmental impact of this product has not been fully investigated.
Persistence and degradability	No further relevant information available.
Bioaccumulative potential	No further relevant information available.
General notes	Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for aquatic life Do not allow undiluted product or large quantities of it to reach ground water, water or air system.
Results of PBT and vPvB assessment	No information available.

Section 13 Disposal Considerations

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION:

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

Section 14 Transport Information

IATA / ADR / DOT-US / IMDG	Not regulated in the meaning of transport regulations.
Environmental hazards	N/A
Special precautions for user	N/A
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	N/A

Section 15 Regulatory Information

US FEDERAL REGULATIONS

SARA 313	This product is not regulated by SARA.
Clean Air Act, Section 112	
Hazardous Air Pollutants (HAPs) (see 40 CFR 61)	This product does not contain HAPs.

US STATE REGULATIONS

California Proposition 65	This product does not contain any Proposition 65 chemicals.
WHMIS Hazard Class	Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS information required by the CPR.

Section 16 Other Information

Date of last revision:	Aug 18, 2024
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The information provided herein has been obtained through diligent research and analysis. The recommendations are based on the application of professional judgment. This information is not intended to be exhaustive and should be used as a general guide. Substances and mixtures may present potential hazards, and should be handled with care. As the Company cannot control the specific conditions of use, it shall not be liable for any damages or losses resulting from the handling or contact with the product.

THE INFORMATION CONTAINED IN THIS SAFETY DATA SHEET DOES NOT CONSTITUTE A WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

End of Safety Data Sheet

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