



Material Safety Data Sheet

Date revised: 9-01-08

Section 1 Contact Information

ProHisto, LLC
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Ste. 333
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Identification of the Substance

Catalog number: AA3
Product name: Amplifying Antibody Dilution Buffer

Section 2 Composition of Ingredients

Hazardous/Non-Hazardous Components

This product contains no substances which at their final concentration, are considered to be hazardous to health.

This product is composed of a tris-HCl buffer containing stabilizing proteins.

This product contains a broad spectrum biocide with the active ingredient 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one.

Section 3 Hazards Identification Emergency Overview

This product contains no substances which at their final concentration, are considered to be hazardous to health.

Routes of Entry: Absorbed through skin. Eye contact. Inhalation. Ingestion.

Potential Health Effects:

Eyes: Not available.

Skin: Not available.

Inhalation: Not available.

Ingestion: Not available.

Specific Effects:

Carcinogenic effects: Not available.

Mutagenic effects: Not available.

Reproductive toxicity: Not available.

Sensitization: Not available.

Target Organ Effects: Not available.

Section 4 First Aid Measures

Skin contact: Wash off with water.

Eye contact: Rinse thoroughly with water, preferably at an eye wash station.

Ingestion: Immediately contact medical professional. Never give anything by mouth to an unconscious person.

Notes to physician: Not available.

Section 5 Fire-Fighting Measures

Suitable extinguishing material: Dry chemical

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus and protective suit.

Section 6

Accidental Release Measures

Personal Precautions: Use personal protective equipment.

Method for cleaning spill: Soak with inert absorbent material.

Section 7

Handling and Storage

Handling: No special handling advice required.

Storage: Store at 2-8°C in properly labeled container.

Section 8

Exposure Controls and Personal Protection

Engineering controls: Ensure adequate ventilation is available. Ensure eyewash stations and safety showers are proximal to work-station locations.

Personal Protection:

Eyes: Splash goggles or safety glasses with side shields.

Body: Lab coat.

Hands: Latex or nitrile gloves.

Respiratory: Respirator is not needed if exposure is kept below established limits.

Section 9

Physical and Chemical Properties

General Information

Form: Liquid

Health Safety and Environmental Information

Boiling point/range: No data available.

Melting point/range: No data available.

Flash point: No data available.

Autoignition temperature: No data available.

Oxidizing properties: No data available.

Water solubility: Soluble.

Section 10

Stability and Reactivity

Stability: Stable.

Materials to avoid: No data available.

Hazardous decomposition products: No data available.

Polymerization: Hazardous polymerization does not occur.

Section 11

Toxicological Information

Acute toxicity

Principle routes of exposure/Potential health effects

Eyes: Not available.

Skin: Not available.

Inhalation: Not available.
Ingestion: Not available.

Specific Effects

Carcinogenic effects: Not available.
Mutagenic effects: Not available.
Reproductive toxicity: Not available.
Sensitization: Not available.
Target Organ effects: No data available.

Note on toxicological effects on humans

To the best of our knowledge, the toxicological properties of this product have not been thoroughly investigated.

Section 12

Ecological Information

Ecotoxicity: No data available.
Mobility: No data available.
Biodegradation: Inherently biodegradable.
Bioaccumulation: Does not bioaccumulate.

Section 13

Disposal Considerations

Dispose of in accordance to local, state, and federal regulations.

Section 14

Transport Information

IATA

Proper shipping name: Not classified as dangerous in the meaning of transport regulations.
Hazard class: No data available.
Subsidiary Class: No data available.
Packing Group: No data available.
UN-No: No data available.

Section 15

HCS Classification:

Irritating substance. Target organ effects.
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Label requirements (Europe)

R20- Harmful by inhalation.
R34- Causes burns.
S1/2- Keep away from children.
S26- In case of contact with eyes, rinse immediately with water and seek medical advice.
S36/37- Wear suitable protective clothing and gloves.
S39- Wear eye/ face protection.
S45- In case of accident or if you feel unwell, seek medical advice.
S46-If swallowed, seek medical advice immediately.

U.S. Federal Regulations:

TSCA 8(b) inventory: Bovine serum albumin, newborn calf serum, Tris-Hcl; DIUF Water.