

Product and Company Identification

Product Name: SDS High Molecular Weight Running Buffer
Product Use: For Research Use Only. Not for use in diagnostic procedures
Company: Molecular Cloning Laboratories(MCLAB)
320 Harbor Way
South San Francisco, CA 94080
Telephone: 1-888-MCLAB-88
1-650-871-8771
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COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous/Non-hazardous Components

Chemical Name	CAS-No	Weight %
sodium dodecyl sulfate	151-21-3	1-5

We recommend handling all chemicals with caution.

HAZARDS IDENTIFICATION

Emergency Overview

May cause skin and eye irritation in susceptible persons
May cause sensitization by skin contact

HAZARDS IDENTIFICATION

Principle Routes of Exposure/

Potential Health effects

Eyes: May cause eye irritation with susceptible persons.

Skin: May cause skin irritation in susceptible persons. May cause sensitization by skin contact.

Inhalation: No information available

Ingestion: No information available

Specific effects

Carcinogenic effects: No information available

Mutagenic effects: No information available

Reproductive toxicity: No information available

Sensitization: May cause sensitization of susceptible persons.

Target Organ Effects: Skin.

HMIS

Health	1
Flammability	No Information Available
Reactivity	No Information Available

FIRST AID MEASURES

Skin contact: Wash off immediately with plenty of water

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

Ingestion: Never give anything by mouth to an unconscious person

Inhalation: Move to fresh air

Notes to physician: Treat symptomatically.

FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical

Special protective equipment for firefighters: 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: No special handling advice required

Storage: Keep in properly labelled containers

EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Exposure limits

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
sodium dodecyl sulfate	-	-	-	-

Engineering measures: Ensure adequate ventilation, especially in confined areas
Personal protective equipment
Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment
Hand protection: Protective gloves
Eye protection: Safety glasses with side-shields
Skin and body protection: Lightweight protective clothing.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice
Environmental exposure controls: Prevent product from entering drains.

PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form: Liquid

Important Health Safety and Environmental Information

Boiling point/range: °C No data available, °F No data available

Melting point/range: °C No data available, °F No data available

Flash point: °C No data available, °F No data available

Autoignition temperature: °C No data available, °F No data available

Oxidizing properties: No information available

Water solubility: No data available

STABILITY AND REACTIVITY

Stability: No information available.

Materials to avoid: No information available

Hazardous decomposition products: No information available

Polymerization: No information available

TOXICOLOGICAL INFORMATION

Acute toxicity

Health	LD50 (oral,rat/mouse)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat/mouse)
sodium dodecyl sulfate	1288 mg/kg (Rat)	No data available	3900 mg/m ³ (Rat)

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ECOLOGICAL INFORMATION

Ecotoxicity effects: No information available.

Mobility: No information available.

Biodegradation: No information available.

Bioaccumulation: No information available

DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations

TRANSPORT INFORMATION

IATA

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

Hazard Class: No information available

Subsidiary Class: No information available

Packing group: No information available

UN-No: No information available

REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	PICCS	ENCS	DSL	NDSL	AICS
Sodium bisulfite	Listed	Listed	Listed	Listed	-	Listed

U.S. 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 contains HAPs.

U.S. State Regulations

Chemical Name	Massachusetts RTK	New Jersey RTK	Pennsylvania RTK	Illinois - RTK	Rhode Island RTK
sodium dodecyl sulfate	-	-	-	-	-

California Proposition 65

This product does not contain chemicals listed under Proposition 65

WHMIS hazard class:

D2B Toxic materials

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 MCLAB Corporation 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 MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

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