

MATERIAL SAFETY DATA SHEET

1 Product and Company Identification

Product name: Na Thioglycolate Reagent, 7.6%

Product number: 73011

Manufacturer/Supplier: Biolog Inc.

21124 Cabot Blvd. Hayward, CA 94545

Telephone: 1-510-785-2564

Information department: Technical services.

Emergency information: In case of a chemical emergency, spill, fire, exposure, or accident contact Biolog

Inc. at 1-510-785-2564 or 1-800-284-4949

2 Composition/Information

Chemical characterization:

Description: CAS#: 367-51-1

MF: C2H3NAO2S EC NO: 206-696-4

SYNONYMS

MERCAPTOACETIC ACID SODIUM SALT * THIOGLYCOLLIC ACID, SODIUM SALT

3 Hazards Identification

Hazard description: Irritant

Potential Health Effects May be harmfull if inhaled or ingested.

May be harmfull if absorbed through the skin.

Causes eye irritation.

4 First aid measures

General information Consult a physician.

After inhalation Move person into fresh air. If not breathing give artificial respiration.

After skin contact Immediately wash with water and soap and rinse thoroughly.

After eye contact Rinse opened eye for several minutes under running water. If symptoms persist,

consult a physician.

After swallowing Never give anything by mouth to an unconscious person. Rinse mouth with water.

Consult a physician.

Information for doctor Show this MSDS.

5 Fire fighting measures

Suitable extinguishing agents

CO2, ABC multipurpose dry chemical or water spray. Fight larger fires with water

spray or alcohol resistant foam.

Protective equipment Wear self contained breathing apparatus for fire fighting if necessary.

6 Accidental release measures

Person-related safety precautions

Use personal protective equipment. Ensure adequate ventilation.

Measures for environmental protection Wipe up with damp sponge or mop spills. Measures for cleaning/collecting Wipe up with damp sponge or mop spills.

7 Handling and storage

Handling

Information on safe handling Avoid contact with skin and eyes. Provide adequate

ventilation.

Information about protection against explosions and fires
No special measures required.

Storage

Requirements to be met by storerooms and receptacles Room Temperature

Information about storage in one common storage facility No special measures required.

8 Exposure controls and personal protection

Components with limit values that require monitoring at the workplace

Contains no substances with occupational exposure limit values.

Personal protective equipment

General protective and hygienic measures Use usual precautionary measures for handling chemicals.

Breathing equipment None required.

Protection of hands Chemical resistant gloves (i.e. nitrile, or equivalent)

Eye protection Safety glasses

Body protection Protective work clothing (lab coat)

Hygiene measures Handle in accordance with good industrial hygiene and safety

practices.

9 Physical and chemical properties

General Information

Form Liquid, 7.6% solution
Color Clear, colorless
Stoneh

Odor Stench

Specific gravity

Density

Evaporation rate

Boiling point/ Freezing point

Solubility in/ Miscibility with Water

Not determined

Not determined

Not determined

Chemical Soluble

10 Stability and reactivity

Stability Stable under recommended storage conditions.

Hazardous decompositions products under fire conditions

Carbon oxides (CO, CO2)monoxide

Hazardous polymerization Will not occur.

11 Toxicological information

Acute toxicity May be harmfull if inhaled or ingested.

LD50 Oral – mouse – 504 mg/kg

Primary irritant effect

On the skin May cause irritation.
On the eye May cause irritation.

Sensitization No sensitizing effects known

Signs and Symptoms of Exposure

Nausea, Headache, Vomiting

Potential Health Effects

Material is irritating to mucus membranes and uupper respiratory tract.

Exposure can cause nausea, headache and vomiting.

To the best of our knowledge, the chemical, physical and toxicological properties

have not been thoroughly investigated.

12 Ecological information

Ecological effects Have not been thoroughly investigated, but currently none have been identified.

13 Disposal considerations

Product

Recommendation Can be disposed of with solid waste.

Dispose of material in accordance with federal (40 CFR 261.3), state and

local requirements.

This product is not considered RCRA hazardous waste.

Uncleaned package

Recommendation Disposal must be made according to state and federal regulations.

Recommended cleaning agent Water, if necessary with cleaning agents.

14 Transportation information

DOT Considered to be non-hazardous for transport.

IATA Considered to be non-hazardous for air transport.

15 Regulatory information

United States regulatory information

SARA Listed No

Canada regulatory information

WHMIS classification Classified in accordance with the hazard criteria of the CPR, and the MSDS

contains all information required by the CPR.

DSL No NDSL No

California Proposition 65 – Chemicals known to cause cancer

None of the ingredients listed.

California Proposition 65 - Chemicals known to cause reproductive toxicity

None of the ingredients listed.

16 Other information

The information, data, and recommendations contained herein are believed to be accurate. Biolog, Inc. makes no warranty of any kind whatever with respect thereto and disclaims all liability from reliance thereon. We reserve the right to revise this MSDS periodically as new information becomes available.

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Date: 31 AUG 2011