



MATERIAL SAFETY DATA SHEET

1 Product and Company Identification

Product name: **Sodium Salicylate Reagent, 100mM**

Product number: 73014

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#: 54-21-7
MF: C7H5NAO3
EC NO: 200-198-0

SYNONYMS

BENZOIC ACID ,2 -HYDROXY-, MONOSODIUM SALT (9CI)* SALICYLIC ACID, SODIUM SALT

3 Hazards Identification

Hazard description: Irritant

Potential Health Effects: May be harmful if inhaled or ingested.
May be harmful 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, 100mM solution

Color Clear, colorless

Odor

Specific gravity Not determined

Density Not determined

Evaporation rate Not determined

Boiling point/ Freezing point Not determined

Solubility in/ Miscibility with Water Chemical Soluble

10 Stability and reactivity

Stability Stable under recommended storage conditions. Light sensitive.

Hazardous decomposition products under fire conditions
Carbon oxides (CO, CO₂) monoxide

Hazardous polymerization Will not occur.

11 Toxicological information

Acute toxicity May be harmful if inhaled or ingested.
LD₅₀ Oral – mouse – 900 mg/kg
LD₅₀ Oral – rat – 1600 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 upper 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.

