

# Material Safety Data Sheet

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- **1 Identification of substance:**

- **Product details:**

- **Trade name:** SDS (sodium dodecylsulfate)

- **Catalog or product number:** 1610300, 1610301, 1610302, 1610316, 1610327

- **Application of the substance / the preparation** Laboratory chemicals

- **Manufacturer/Supplier:**

Bio-Rad Laboratories, Life Science Group  
2000 Alfred Nobel Drive  
Hercules, California 94547

(510)741-1000

- **Information department:** Technical services, customer support.

- **Emergency information:**

1(800)424-9300 Use only in the event of a CHEMICAL EMERGENCY involving a SPILL, LEAK, FIRE, EXPLOSION or ACCIDENT.  
510-741-1000



- **After swallowing** Immediately call a doctor.

- **5 Fire fighting measures**

- **Suitable extinguishing agents**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **Protective equipment:** No special measures required.

- **6 Accidental release measures**

- **Person-related safety precautions:** Not required

- **Measures for environmental protection:**

Do not allow to enter sewers/ surface or ground water.

- **Measures for cleaning/collecting:**

Dispose contaminated material as waste according to item 13.

- **7 Handling and storage**

- **Handling**

- **Information for safe handling:**

No special precautions are necessary if used correctly.

- **Information about protection against explosions and fires:**

No special measures required.

- **Storage**

- **Requirements to be met by storerooms and receptacles:**

No special requirements.

- **Information about storage in one common storage facility:** Not required.

- **Further information about storage conditions:**

Keep receptacle tightly sealed.

● **8 Exposure controls and personal protection**

○ **Additional information about design of technical systems:**

No further data; see item 7.

**Components with limit values that require monitoring at the workplace:**

Not required.

○ **Additional information:**

The lists that were valid during the creation were used as basis.

○ **Personal protective equipment**

○ **General protective and hygienic measures**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

○ **Protection of hands:**

Protective gloves.

Synthetic gloves

○ **Material of gloves** Synthetic gloves

○ **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

○ **Eye protection:** Tightly sealed goggles.



● **10 Stability and reactivity**

○ **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

○ **Dangerous reactions** No dangerous reactions known

○ **Dangerous products of decomposition:**

No dangerous decomposition products known

● **11 Toxicological information**

○ **Acute toxicity:**

LD/LC50 values for hazardous components per OSHA criteria:

151-21-3 sodium dodecyl sulphate

Oral: LD50: 1288 mg/kg (rat)

○ **Primary irritant effect:**

○ **on the skin:** Irritant to skin and mucous membranes.

○ **on the eye:** Irritant effect.

○ **Sensitization:** No sensitizing effects known.

● **12 Ecological information:**

○ **General notes:**

Water hazard class 2 (Assessment by list): hazardous for water.  
Do not allow product to reach ground water, water course or  
sewage system.

Danger to drinking water if even small quantities leak into the  
ground.



- **15 Regulations**

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Substance is not listed.

○ **Markings according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials

○ **Code letter and hazard designation of product:** Xn Harmful

○ **Risk phrases:**

21/22 Harmful in contact with skin and if swallowed.

36/38 Irritating to eyes and skin.

○ **Safety phrases:**

36 Wear suitable protective clothing.

60 This material and its container must be disposed of as hazardous waste.

○ **National regulations**

○ **Water hazard class:**

Water hazard class 2 (Assessment by list): hazardous for water.

● **16 Other information:**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

○ **Department issuing MSDS:** Environmental Health and Safety.

○ **Contact:**

