

Product Specifications



SCIENTIFIC

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SDS (Sodium Dodecyl Sulfate)

Product Number

IB07060

IB07062

Size

100gm

500gm

PHYSICAL SPECIFICATIONS

Molecular Formula	C ₁₂ H ₂₅ NaO ₄ S
Molecular Weight	288.38
Purity	Min. 99.0%
A260 (3%, water)	Max. 0.1
A280 (3%, water)	Max. 0.1
Chloride	Max. 0.1%
Phosphate	Max. 0.0005%
Heavy Metals (as Pb)	Max. 0.0005%
Copper	Max. 0.0005%
DNase assay	None Detected
RNase assay	None Detected
Protease assay	None Detected

STORAGE

Store at room temperature. Protect from moisture.

RECOMMENDED USE

IBI SDS is an ionic detergent used to denature proteins in hybridization, nucleic acid purification, and electrophoresis.

10% SDS Solution: Dissolve 100gm of SDS in 900ml of water. Heat to 68°C to assist dissolution. Adjust pH to 7.2 by adding a few drops of HCl. Adjust volume to 1L with water. Dispense into aliquots.

CAS NO.

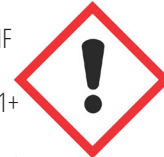
CAS# 151-21-3

WARNING

Classification: Flammable Solid - 1
Acute Toxicity Dermal - 3
Acute Toxicity Oral - 4
Respiratory Sensitizer - 1
Skin Irritant - 2
Eye Irritant - 2
Acute Toxicity (short term) - 2

Hazard Statements: H228-Flammable solid • H302-Harmful if swallowed • H311-Toxic in contact with skin • H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled • H315-Causes skin irritation • H319-Causes serious eye irritation • H335-May cause respiratory irritation • H401-Toxic to aquatic life.

Precautionary Statements: P210-Keep away from heat/spark/open flames/hot surfaces. No smoking • P261-Avoid breathing dust/fume/gas/mist/vapors/spray • P280-Wear protective gloves/protective clothing/eye protection/face protection • P302+P352-IF ON SKIN: Wash with plenty of soap and water • P312-Call a Poison Center or doctor/physician if you feel unwell • P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing



DANGER!