

SDS dust-free Powder

1 Contents

Components	HY-K1030-250 g	HY-K1030-1 kg
SDS dust-free Powder	250 g	1 kg

2 Introduction

SDS is a kind of anionic surfactant that is soluble in water and has excellent detergency, emulsification and foaming capabilities. It is widely used for protein denaturation in biology. MCE SDS dust-free Powder can be directly prepared into 10% SDS solution.

3 General Protocol

1. Add 100 g of SDS dust-free Powder into the cleaned beaker, dissolve with 600 mL distilled water under a magnetic stirrer.
2. Add distilled water to the solution in step 1 until the total volume is 1 L. The final solution is 10% SDS.

Note: The working concentration of SDS is generally 0.1-0.5%, further dilutions can be made to the 10% SDS solution.

3. Store at room temperature for 6 months. SDS solutions may precipitate at low temperatures. If precipitation is observed, place in a 37°C water bath until completely dissolved before use.

4 Storage

Store at room temperature for 3 years

5 Precautions

1. The working concentration of SDS is generally 0.1-0.5%, further dilutions can be made to the 10% SDS solution.
2. This product is for R&D use only, not for drug, household, or other uses.
3. For your safety and health, please wear a lab coat and disposable gloves to operate.