

# DSC Trading Co., Ltd.

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## SAFETY DATA SHEET (SDS)

### SECTION 1: IDENTIFICATION

**Product Name:** Sodium Bicarbonate

**Synonyms:** Baking Soda, Bicarbonate of Soda

**Recommended Use:** Food additive, pH buffer, fire extinguisher agent, animal feed.

**Company:** DSC Trading Co., Ltd.

**Emergency Phone:** +86 18020070568

### SECTION 2: HAZARD IDENTIFICATION

**GHS Classification:** Not classified as hazardous according to GHS.

**General Advice:** Generally recognized as safe (GRAS). Avoid large scale dust inhalation.

### SECTION 3: COMPOSITION

**Chemical Name:** Sodium Bicarbonate

**CAS No.:** 144-55-8

**Concentration:**  $\geq 99.0\%$

### SECTION 4: FIRST AID MEASURES

**Inhalation:** Move to fresh air. **Skin:** Wash with water. **Eyes:** Flush with water. **Ingestion:** If large amounts are swallowed, seek medical advice.

### SECTION 5: FIREFIGHTING MEASURES

Product is non-combustible. Used as a fire extinguishing agent. Under fire conditions, it decomposes into Sodium Carbonate, Water, and CO<sub>2</sub>.

### SECTION 7: HANDLING AND STORAGE

Store in a cool, dry, well-ventilated area away from incompatible substances (acids). Keep container tightly closed to prevent moisture absorption.

### SECTION 9: PHYSICAL PROPERTIES

**Form:** Crystalline powder. **Color:** White. **Solubility:** 96 g/L (20°C) in water. **Melting Point:** Decomposes at 270°C.

### SECTION 10: STABILITY AND REACTIVITY

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Stable under normal conditions. **Incompatible Materials:** Reacts with acids to release Carbon Dioxide gas.