

# DSC Trading Co., Ltd.

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## SAFETY DATA SHEET (SDS)

### SECTION 1: IDENTIFICATION

**Product Name:** Sodium Acetate Trihydrate

**Synonyms:** Acetic acid sodium salt trihydrate

**Recommended Use:** Buffer, mordant, carbon source for wastewater treatment, laboratory chemical.

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

**Emergency Phone:** +86 18020070568

### SECTION 2: HAZARD IDENTIFICATION

**GHS Classification:** Not a hazardous substance or mixture.

**Precautionary Statements:**

P261: Avoid breathing dust.

P264: Wash skin thoroughly after handling.

P280: Wear protective gloves/eye protection/face protection.

### SECTION 3: COMPOSITION

**Chemical Name:** Sodium Acetate Trihydrate

**Formula:** CH<sub>3</sub>COONa·3H<sub>2</sub>O

**CAS No.:** 6131-90-4

**Concentration:** ≥ 58.0%

### SECTION 4: FIRST AID MEASURES

**Inhalation:** Move person into fresh air. If not breathing, give artificial respiration.

**Skin Contact:** Wash off with soap and plenty of water.

**Eye Contact:** Flush eyes with water as a precaution. Seek medical advice if irritation occurs.

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water.

### SECTION 5: FIREFIGHTING MEASURES

**Extinguishing Media:** Water spray, alcohol-resistant foam, dry chemical or CO<sub>2</sub>.

**Special Hazards:** Carbon oxides, Sodium oxides. Combustible at high temperatures.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

## SECTION 7: HANDLING AND STORAGE

**Handling:** Provide appropriate exhaust ventilation. Avoid contact with skin and eyes.

**Storage:** Store in a cool, dry, well-ventilated area. Keep container tightly closed. **Note:** Product is hygroscopic and efflorescent.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** General industrial hygiene practice.

**Personal Protection:** Safety glasses with side-shields, protective gloves, and respiratory protection in case of dust formation.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Crystalline solid. **Color:** White. **Odor:** Slight acetic acid odor.

**pH:** 7.5 - 9.2 (5% solution). **Melting Point:** 58°C (loses water of crystallization).

**Solubility:** Highly soluble in water.

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable under recommended storage conditions.

**Incompatibility:** Strong oxidizing agents, strong acids.

**Decomposition:** Carbon oxides, Sodium oxides.