



# NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.  
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

## Safety Data Sheet (MSDS)

(According to GB/T 16483 and GB/T 17519; Adapts to GHS, IMDG, IATA Standards)

### SECTION 1: Identification

#### 1.1 Product Identifiers

- Product Name: Humic Acid, Sodium Salt
- Product Number: HAS-20260226
- Brand: SIGALD
- CAS-No.: 68131-04-4
- Synonyms: Sodium Humate; Humate Sodium

#### 1.2 Details of the supplier of the safety data sheet

- Company : NEWAY SINOPHC TECH. LIMITED
- RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI)PILOT FREE TRADE ZONE.
- Telephone : +86-021-50350029
- Fax : +86-021-50350029

#### 1.3 Emergency telephone

Emergency Phone # : +86-021-50350029  
(CHEMTREC)

#### 1.4 Uses

- Identified Uses: Agriculture (soil conditioner, fertilizer additive), water treatment (flocculant, heavy metal chelator), animal feed additive, industrial (drilling fluid additive).
- Uses Advised Against: Direct oral consumption; no other restricted uses.

### SECTION 2: Hazards Identification

2.1 GHS Classification: Eye irritation (Category 2A); Skin irritation (Category 2) 2.2 GHS Label Elements

- Hazard Pictogram: GHS07 (Exclamation mark)
- Signal Word: Warning
- Hazard Statements: H315 (Causes skin irritation), H319 (Causes serious eye irritation)
- Precautionary Statements: P264 (Wash hands thoroughly after handling), P280 (Wear protective gloves/eye protection), P305+P351+P338 (If in eyes: Rinse cautiously with water)

### SECTION 3: Composition

- Substance / Mixture: Natural Organic Mixture
- Formula:  $C_9 H_9 NaO_6$  (Average empirical)
- Molecular Weight: Variable (5-50 kDa)
- Main Components: Sodium Humate (80-85%), Inorganic Salts (5-10%), Moisture ( $\leq 10\%$ )

### SECTION 4: First Aid Measures

- Inhaled: Move to fresh air. If coughing persists, consult a doctor.
- Skin Contact: Rinse skin with running water for 5 minutes; remove contaminated clothing.
- Eye Contact: Rinse with plenty of water for 5-10 minutes. Consult a doctor if irritation persists.



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- Swallowed: Rinse mouth with water; no special treatment needed if small amounts are ingested.

## SECTION 5: Firefighting Measures

- Suitable Extinguishing Media: Water spray, foam, CO<sub>2</sub>, dry powder.
- Special Hazards: Non-combustible; no hazardous combustion products.
- Firefighter Protection: Wear standard fire-fighting gear.

## SECTION 6: Accidental Release Measures

- Personal Precautions: Wear gloves, eye protection, dust mask (for large spills).
- Cleanup Methods: Sweep up with inert materials; transfer to sealed containers.

## SECTION 7: Handling and Storage

- Handling: Operate in well-ventilated area; avoid dust inhalation.
- Storage Conditions: Cool, dry, well-ventilated warehouse ( $\leq 30^{\circ}\text{C}$ ); keep sealed.
- Shelf Life: 24 months (unopened).

## SECTION 8: Exposure Controls/Personal Protection

- PPE: Nitrile gloves, safety goggles, dust mask (large-scale handling).
- Engineering Controls: Good ventilation, dust collection system.

## SECTION 9: Physical and Chemical Properties

- Physical State: Powder/granular
- Color: Black to brown
- Odor: Earthy odor
- Solubility: Soluble in water (forms colloidal solution)
- pH (1% solution): 8.0-10.0
- Density (25°C): 1.3-1.5 g/cm<sup>3</sup>

## SECTION 10: Stability and Reactivity

- Stable under normal storage. Incompatible with strong acids, oxidizing agents.

## SECTION 11: Toxicological Information

- Oral LD<sub>50</sub> (Rat): > 5000 mg/kg; Skin/Eye Irritation: Mild to moderate.

## SECTION 12: Ecological Information

- Environmentally friendly; fully biodegradable.

## SECTION 13: Disposal Considerations

- Dispose via licensed waste facilities; biodegradable in soil/wastewater.

## SECTION 14: Transport Information

- UN Number: Not dangerous goods
- Transport Hazard Class: -
- Special Precautions: Avoid moisture, dust dispersion.

## SECTION 15: Regulatory Information

- Complies with GHS, REACH, TSCA, EPA (agricultural use).

## SECTION 16: Other Information



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