



# 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, GB/T 17519, and GHS Standards)

### SECTION 1: Identification

#### 1.1 Product Identifiers

- Product Name: Sodium Chloride (Industrial Grade)
- Product Number:NaCl-20260218
- Brand:TECHPURE
- CAS-No.:7647-14-5
- Synonyms: Common Salt; Table Salt

#### 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 & Restrictions

- Identified Uses: Chemical synthesis, food additive, water treatment, laboratory reagent.
- Uses Advised Against: No special restricted uses, avoid use in high-precision electronic component cleaning without purification.

### SECTION 2: Hazards Identification

#### 2.1 GHS Classification

- No hazardous classification (GHS non-hazardous substance)
- 2.2 GHS Label Elements
- Hazard Pictogram: None
- Signal Word: None
- Hazard Statements: None
- Precautionary Statements: None

### SECTION 3: Composition/Information on Ingredients

- Substance / Mixture: Pure substance
- Active Component: Sodium Chloride (CAS 7647-14-5)
- Concentration:  $\geq 99.5\%$
- Impurities:  $\leq 0.5\%$  (Moisture, trace metals, insoluble matter)

### SECTION 4: First Aid Measures

- Inhaled: Move to fresh air; rinse mouth with water if discomfort occurs; no special medical treatment is needed.
- Skin Contact: Rinse with water if necessary; no irritation, no special treatment.



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- Eye Contact: Hold eyes open and rinse with plenty of running water for 5 minutes; consult a doctor only if irritation persists.
- Swallowed: No toxic effect for normal ingestion; drink plenty of water if excessive ingestion causes discomfort; no induced vomiting.

## **SECTION 5: Firefighting Measures**

- Suitable Extinguishing Media: Any fire extinguishing media can be used (water spray, dry powder, CO<sub>2</sub>, foam).
- Special Hazards: Non-flammable, no hazardous combustion products, no explosion risk.
- Advice for Firefighters: Wear standard fire-fighting protective equipment; no special fire-fighting requirements.

## **SECTION 6: Accidental Release Measures**

- Personal Precautions: No special PPE required; wear dust mask for large powder spills.
- Environmental Precautions: Prevent large quantities of dissolved products from entering water bodies to avoid salinization.
- Clean-Up Methods: Small spills: Sweep and collect directly; large spills: Transfer to sealed containers, clean the site with water.

## **SECTION 7: Handling and Storage**

- Handling: Avoid dust generation during operation; seal the package after use to prevent moisture absorption.
- Storage: Cool, dry, well-ventilated warehouse; sealed storage, separate from hygroscopic substances.
- Incompatibilities: No obvious incompatible substances under normal conditions.

## **SECTION 8: Exposure Controls/Personal Protection**

- PPE: No special protective equipment for normal operation; dust mask (KN95) and safety glasses for large-scale powder handling.
- Exposure Limits: No occupational exposure limit specified by OSHA/EU.

## **SECTION 9: Physical and Chemical Properties**

- Physical State: Solid (powder/granule); Color: White; Odor: Odorless; Taste: Salty
- Melting Point: 801 °C; Boiling Point: 1465 °C; Density (20 °C): 2.165 g/cm<sup>3</sup>
- Solubility (25 °C): 36.0 g/100 mL water; Insoluble in ethanol and ether
- Vapor Pressure (25 °C): < 0.001 kPa; pH Value (5% aqueous solution): 7.0
- Hygroscopy: Slight hygroscopy; Caking may occur in high humidity environment.

## **SECTION 10: Stability and Reactivity**

- Stability: Stable under normal temperature, pressure and storage conditions; no decomposition.
- Hazardous Reactions: No hazardous reactions with most substances; no reaction with acids/bases under normal conditions.
- Decomposition Products: No toxic decomposition products even at high temperature.



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### SECTION 11: Toxicological Information

- Acute Toxicity: Oral (Rat, LD<sub>50</sub>): > 3000 mg/kg; Inhalation (Rat, LC<sub>50</sub>): > 10000 mg/m<sup>3</sup> (4h)
- Skin/Eye Irritation: No skin/eye irritation (Rabbit test); no sensitization.
- Chronic Toxicity: No chronic toxic effect for long-term normal contact; excessive ingestion may cause hypertension.

### SECTION 12: Ecological Information

- Aquatic Toxicity: Fish (Zebrafish, LC<sub>50</sub>): > 10000 mg/L (96h); Daphnia (EC<sub>50</sub>): > 5000 mg/L (48h)
- Biodegradability: Inorganic substance, non-biodegradable; small amount has no effect on the environment, large amount causes water salinization.
- Bioaccumulation: No bioaccumulation in organisms.

### SECTION 13: Disposal Considerations

- Product Waste: Dispose as non-hazardous solid waste; can be recycled for industrial use.
- Packaging Waste: Rinse with water, recycle or dispose as general solid waste.
- Disposal Requirements: Comply with local environmental protection regulations, avoid random dumping into water bodies.

### SECTION 14: Transport Information

- UN Number: None (Non-hazardous goods)
- UN Proper Shipping Name: Not dangerous goods
- Transport Hazard Class: None; Packaging Group: None
- Marine Pollutant: No
- Transport Precautions: Avoid rain, moisture and package damage during transportation; no special transport requirements.

### SECTION 15: Regulatory Information

- National Regulations: Complies with Hazardous Chemical Safety Management Regulation (non-hazardous), Food Safety Law (food grade).
- International Regulations: GHS (Rev. 9); REACH (EU, listed); TSCA (US, listed); FDA (US, food grade approved).

### SECTION 16: Other Information

- Revision Date:18 FEB 2026
- Disclaimer: This MSDS is based on current scientific and technical data; the supplier is not liable for improper use or non-compliance with operating requirements.