



# 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)

### Plant Extract Deodorant

#### SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

##### 1.1 Product Identifiers

- Product Name: Plant Extract Deodorant
- Product Number: PED-20260205
- Brand: SIGALD
- CAS-No.: N/A
- Synonyms: Natural Plant Deodorant; Botanical Extract Deodorant

##### 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 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

- Identified Uses: Air deodorization (indoor, public areas, vehicles); wastewater odor control; pet odor elimination; industrial odor treatment (low-concentration).
- Uses Advised Against: Not for pharmaceutical, medical, or direct oral consumption.

#### SECTION 2: Hazards Identification

**Summary of Emergency Measures**Pale green transparent liquid. Non-hazardous. After inhalation: Move to fresh air if discomfort occurs. In case of skin contact: Rinse skin with water; no special treatment needed. After eye contact: Rinse with plenty of water for 5-10 minutes; consult a doctor if irritation persists. After swallowing: Rinse mouth with water; do not induce vomiting; consult a doctor if feeling unwell. Non-combustible. No risk of explosion.

2.1 GHS Classification Not a hazardous substance or mixture (GHS 0 category)

2.2 GHS Label Elements

- Hazard Pictogram: None
- Signal Word: None
- Hazard Statements: None
- Precautionary Statements: None

2.3 Physical and Chemical Hazards Based on current information: No physical or chemical hazards.

2.4 Health Hazards Based on current information: No acute or chronic health hazards; mild eye irritation may occur in sensitive individuals.

2.5 Environmental Hazards Based on current information: Environmentally friendly; fully biodegradable; no adverse effects on aquatic organisms.

2.6 Other Hazards No additional hazards identified.

### SECTION 3: Composition/Information on Ingredients

- Substance / Mixture: Mixture (Natural Biological Complex)

3.1 Main Components	Blend of Natural Plant Extracts (Tea Polyphenols, Peppermint Extract, Bamboo Extract, etc.)
Formula	Biological active substances (polyphenols, terpenes, flavonoids)
Molecular Weight	Variable (1000-50000 Da)
CAS-No.:	N/A (Individual plant extracts have CAS, composite has no unified CAS)
EC-No.:	N/A

#### Hazardous Ingredients

Component	Classification	Concentration (w/w)
Plant Extracts (Non-hazardous)	Non-hazardous	15.0-17.0%
Deionized Water	Non-hazardous	78.0-82.0%
Ethanol (Solvent)	Non-hazardous	≤ 5.0%
Glycerol (Stabilizer)	Non-hazardous	2.0-3.0%

### SECTION 4: First Aid Measures

#### 4.1 Description of First-Aid Measures

- If Inhaled: Move victim to fresh air. No special treatment required if no discomfort; consult a doctor if symptoms persist.
- In Case of Skin Contact: Rinse skin with running water for 5 minutes. Remove contaminated clothing; wash clothing before reuse.
- In Case of Eye Contact: Rinse eyes thoroughly with plenty of running water for 5-10 minutes. Remove contact lenses if present. Consult a doctor if irritation occurs.
- If Swallowed: Rinse mouth with water. Do not induce vomiting. Consult a doctor if gastrointestinal discomfort occurs.

#### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed

- Acute Effects: Mild eye irritation in sensitive individuals; no other acute toxic effects.
- Delayed Effects: No known delayed toxic effects based on current data.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed No specific medical treatment required; treat symptomatically if needed.



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4.4 Notes to Physician Inform the physician of the product composition if medical consultation is required.

## SECTION 5: Firefighting Measures

### 5.1 Extinguishing Media

- Suitable Extinguishing Media: Water spray, foam, carbon dioxide (CO<sub>2</sub>), dry powder.
- Unsuitable Extinguishing Media: No limitations of extinguishing agents.

### 5.2 Special Hazards Arising from the Substance or Mixture

- Non-combustible; ethanol content ≤ 5% poses no fire risk; no hazardous combustion gases generated.

### 5.3 Advice for Firefighters

- No special protective equipment required; wear standard fire-fighting gear.

## SECTION 6: Accidental Release Measures

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

- No special personal precautions needed; wear gloves if direct contact is expected.
- Evacuate non-essential personnel if large spills occur; ensure good ventilation.

### 6.2 Environmental Precautions

- No special environmental precautions; the product is biodegradable and non-polluting.

### 6.3 Methods and Materials for Containment and Cleaning Up

- Small Spill: Absorb with inert materials (e.g., sand, vermiculite) and dispose of properly.
- Large Spill: Contain with dikes; transfer to sealed containers for recycling or disposal.

### 6.4 Reference to Other Sections For disposal, see Section 13.

## SECTION 7: Handling and Storage

### 7.1 Precautions for Safe Handling

- Operate in a well-ventilated area; no special safety precautions for routine handling.
- Avoid contact with strong acids, strong bases, or high-temperature environments (≥ 60°C) to prevent active ingredient degradation.
- Hygiene Measures: Wash hands after handling; no restrictions on eating/drinking in workplace (if hygiene is maintained).

### 7.2 Conditions for Safe Storage, Including Any Incompatibilities

- Storage Conditions: Store in a cool, dark, well-ventilated warehouse. Keep container tightly closed. Avoid direct sunlight and high temperatures (storage temperature ≤ 30°C).
- Incompatibilities: Strong acids, strong bases, oxidizing agents.
- Storage Class (TRGS 510): 13 (Non-Hazardous Liquids)
- Shelf Life: 12 months (unopened, under specified storage conditions).

## SECTION 8: Exposure Controls/Personal Protection

### 8.1 Control Parameters

Component	CAS-No.	Value	Control Parameters	Basis
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Component	CAS-No.	Value	Control Parameters	Basis
Plant Extract Deodorant	N/A	No occupational exposure limits	-	No relevant national/international exposure standards

## 8.2 Exposure Controls

- Engineering Controls: No special engineering controls required; ensure basic ventilation.
- Personal Protective Equipment (PPE):
  - Eye/Face Protection: Safety glasses recommended for large-scale handling to avoid splashes.
  - Skin Protection: Nitrile rubber gloves recommended for prolonged contact.
  - Respiratory Protection: Not required under normal handling conditions.
- Control of Environmental Exposure: No special environmental exposure controls.

## SECTION 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties  
a) Physical State: Liquid  
b) Color: Light green to pale yellow  
c) Odor: Mild natural plant fragrance (peppermint/tea scent)  
d) Melting Point/Freezing Point:  $\leq 0^{\circ}\text{C}$  (aqueous mixture)  
e) Initial Boiling Point and Boiling Range:  $100-105^{\circ}\text{C}$  (water evaporation)  
f) Flammability (Liquid/Gas): Non-flammable (ethanol content  $\leq 5\%$ )  
g) Upper/Lower Flammability or Explosive Limits: Not applicable  
h) Flash Point:  $> 100^{\circ}\text{C}$  (Closed Cup)  
i) Autoignition Temperature:  $> 300^{\circ}\text{C}$   
j) Decomposition Temperature:  $\geq 60^{\circ}\text{C}$  (active ingredient inactivation, no hazardous decomposition)  
k) pH Value ( $25^{\circ}\text{C}$ ): 5.5-7.5  
l) Viscosity ( $25^{\circ}\text{C}$ ): 30-100 mPa·s  
m) Water Solubility: Fully miscible with water  
n) Partition Coefficient (n-octanol/water): No data available  
o) Vapor Pressure ( $25^{\circ}\text{C}$ ):  $< 1$  hPa (equivalent to water vapor pressure)  
p) Density ( $25^{\circ}\text{C}$ ): 1.01-1.06 g/cm<sup>3</sup>  
q) Relative Vapor Density: No data available  
r) Particle Characteristics: Not applicable (liquid)  
s) Explosive Properties: Not explosive  
t) Oxidizing Properties: None

9.2 Other Safety Information  
No additional safety-related physical/chemical data.

## SECTION 10: Stability and Reactivity

10.1 Chemical Stability: Stable under recommended storage conditions ( $\leq 30^{\circ}\text{C}$ , sealed).

10.2 Possibility of Hazardous Reactions: No hazardous reactions under normal use conditions.

10.3 Conditions to Avoid: High temperature ( $> 30^{\circ}\text{C}$ ), direct sunlight, contact with strong

acids/alkalis/oxidizing agents.

10.4 Incompatible Materials: Strong acids (pH  $< 3$ ), strong bases (pH  $> 9$ ), oxidizing agents (e.g., hydrogen peroxide).

10.5 Hazardous Decomposition Products: No hazardous decomposition products; active ingredients inactivate at high temperature without toxic substances.

## SECTION 11: Toxicological Information

11.1 Information on Toxicological Effects

- Acute Toxicity:
  - Oral (Rat, LD<sub>50</sub>):  $> 10,000$  mg/kg
  - Dermal (Rabbit, LD<sub>50</sub>):  $> 10,000$  mg/kg

- Inhalation (Rat, LC<sub>50</sub>): > 20 mg/m<sup>3</sup> (4-hour exposure)
- Skin Corrosion/Irritation: No irritation (Rabbit, 4-hour exposure).
- Serious Eye Damage/Eye Irritation: Mild irritation (Rabbit, 24-hour exposure; reversible).
- Respiratory or Skin Sensitization: No sensitizing effects.
- Germ Cell Mutagenicity: No data available.
- Carcinogenicity: Not classified as carcinogenic by IARC, EPA, or NTP.
- Reproductive Toxicity: No data available.
- Specific Target Organ Toxicity (Single/Repeated Exposure): No target organ toxicity.
- Aspiration Hazard: Low (liquid, low viscosity).

11.2 Additional Information The toxicological properties have been sufficiently studied for safe industrial and daily use.

## SECTION 12: Ecological Information

### 12.1 Toxicity:

- Fish (Zebrafish, LC<sub>50</sub>): > 5000 mg/L (96-hour exposure)
  - Daphnia (EC<sub>50</sub>): > 1000 mg/L (48-hour exposure)
  - Algae (EC<sub>50</sub>): > 5000 mg/L (72-hour exposure)
- 12.2 Persistence and Degradability: Fully biodegradable (BOD<sub>5</sub>/COD > 0.6) in aquatic environments.
- 12.3 Bioaccumulative Potential: No bioaccumulation potential.
- 12.4 Mobility in Soil: Low mobility; binds to soil organic matter.
- 12.5 Results of PBT and vPvB Assessment: Not classified as PBT/vPvB.
- 12.6 Endocrine Disrupting Properties: No data available.
- 12.7 Other Adverse Effects: No known adverse ecological impacts; promotes environmental odor reduction.

## SECTION 13: Disposal Considerations

### 13.1 Waste Treatment Methods

- Product Waste: Dispose of through licensed waste treatment facilities in accordance with local, national, and international regulations. The product is biodegradable and can be treated by biological wastewater treatment systems.
- Packaging Waste: Rinse packaging thoroughly with water; dispose of as non-hazardous waste or recycle.

## SECTION 14: Transport Information

14.1 UN Number: ADR/RID: -; IMDG: -; IATA-DGR: -

14.2 UN Proper Shipping Name: ADR/RID: Not dangerous goods; IMDG: Not dangerous goods; IATA-DGR: Not dangerous goods

14.3 Transport Hazard Class(es): ADR/RID: -; IMDG: -; IATA-DGR: -

14.4 Packaging Group: ADR/RID: -; IMDG: -; IATA-DGR: -

14.5 Environmental Hazards: ADR/RID: No; IMDG Marine Pollutant: No; IATA-DGR: No

14.6 Special Precautions for User: Transport at ≤ 30°C; avoid direct sunlight and high temperature.

14.7 Incompatible Materials: Avoid transport with strong acids, strong bases, or oxidizing agents.

Further Information: Not classified as dangerous under transport regulations.

## SECTION 15: Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

- National Regulations (China):
  - Hazardous Chemical Safety Management Regulation (Non-hazardous classification)
  - Air Pollution Prevention and Control Law
  - Environmental Protection Law
- International Regulations:
  - GHS Classification (Rev. 9): Non-hazardous
  - REACH (EU): Not listed in SVHC Candidate List
  - TSCA (US): Listed on the TSCA Inventory (as natural plant extracts)

15.2 Other Regulations: Comply with local waste disposal and environmental protection regulations; indoor use must meet air safety standards (e.g., EPA, EU Indoor Air Quality Directive).

## SECTION 16: Other Information

- Further Information: This MSDS is based on current scientific knowledge and complies with GB/T 16483, GB/T 17519, and GHS standards. It is intended for safe handling, storage, transport, and disposal. The supplier is not liable for damage caused by improper use or non-compliance with safety precautions.
- Revision Date: 05 FEB 2026