



# 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)

### - Common Jasmin Orange Concrete

**According to:** GB/T 16483, GB/T 17519; GHS (Rev.9), IMDG, IATA Standards **Product Name:** Common Jasmin Orange Concrete (Natural Floral Extract) **CAS Number:** 90045-43-5 **Product Number:** JOC-20260228 **Brand:** SIGALD **Revision Date:** 28 February 2026 **Supplier:** NEWAY SINOPHC TECH. LIMITED **Address:** RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE. **Tel/Fax:** +86-021-50350029 **Emergency Phone:** +86-021-50350029 (CHEMTREC)

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

#### 1.1 Product Identifiers

- Product Name: Common Jasmin Orange Concrete
- Synonyms: Daidai Flower Concrete; Citrus Aurantium Amara Flower Concrete
- CAS-No.: 90045-43-5
- Main Components: Linalool (78-70-6), Limonene (138-86-3), Methyl Anthranilate (88-44-8)
- Product Number: JOC-20260228
- Brand: SIGALD

#### 1.4 Relevant Identified Uses and Uses Advised Against

- **Identified Uses:** Fragrance raw material for perfumes, cosmetics and daily chemicals; natural flavor additive (food grade only).
- **Uses Advised Against:** Not for undiluted direct skin application; non-food grade not for food contact/ingestion; not for use as a pharmaceutical raw material; not for heating above 100°C (causes aroma degradation).

### SECTION 2: Hazards Identification

#### 2.1 GHS Classification

- Eye irritation: Category 2 (Mild irritation, reversible)
- Skin irritation: Category 2 (Mild irritation, reversible for undiluted melted product)

#### 2.2 GHS Label Elements

- **Hazard Pictogram:** (Warning)
- **Signal Word:** WARNING
- **Hazard Statements:**
  - H315: Causes skin irritation (undiluted melted)
  - H319: Causes serious eye irritation
- **Precautionary Statements:**
  - P264: Wash skin thoroughly after handling
  - P280: Wear protective gloves/eye protection/heat-resistant gloves
  - P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
  - P332+P313: If skin irritation occurs: Get medical advice/attention

#### 2.3 Hazards Summary

- **Physical/Chemical Hazards:** Combustible solid (waxy); melts into combustible liquid at 45°C; no explosion risk; oxidizes when exposed to air for a long time (color darkens, no hazardous products).
- **Health Hazards:** Undiluted melted concrete causes mild skin/eye irritation; no acute toxicity, carcinogenicity or reproductive toxicity at normal use dosage.
- **Environmental Hazards:** Slightly toxic to aquatic organisms; fully biodegradable; no bioaccumulation potential.

### SECTION 3: Composition/Information on Ingredients



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- **Substance/Mixture:** Natural complex mixture (solvent extract of plant flowers)
- **Main Components (w/w):**

Component	CAS No.	Concentration	Hazard Classification
Linalool	78-70-6	15.0-25.0%	Mild eye/skin irritation
Limonene	138-86-3	10.0-20.0%	Non-hazardous
Methyl Anthranilate	88-44-8	5.0-10.0%	Non-hazardous
Other floral esters/terpenes -		45.0-70.0%	Non-hazardous

- **Residual Solvent:** Hexane (110-54-3)  $\leq$  500 ppm (non-hazardous concentration)

## SECTION 4: First Aid Measures

### 4.1 First-Aid Measures

- **If Inhaled:** Move to fresh air; rest in a comfortable position. No special treatment needed if no discomfort; get medical advice if coughing persists.
- **In Case of Skin Contact:** Wipe off the solid/waxy residue with vegetable oil first, then rinse the affected area with plenty of soap and water for 5-10 minutes. Do not use organic solvents.
- **In Case of Eye Contact:** Rinse eyes thoroughly with plenty of running water for 10-15 minutes (hold eyelids open). Remove contact lenses if present. Consult a doctor immediately if irritation persists.
- **If Swallowed:** Rinse mouth with water; **do not induce vomiting**. Drink a small amount of milk if conscious; seek medical attention and provide this MSDS.

### 4.2 Symptoms and Medical Notes

- **Acute Effects:** Skin redness/itching (undiluted contact); eye redness/tearing; mild gastrointestinal discomfort (if swallowed).
- **Medical Notes:** Treat symptomatically; inform the physician of the main components (linalool, limonene).

## SECTION 5: Firefighting Measures

### 5.1 Extinguishing Media

- **Suitable:** Dry powder, carbon dioxide (CO<sub>2</sub>), foam, water spray (cool containers only).
- **Unsuitable:** High-pressure water jet (ineffective for combustible liquid/solid).

### 5.2 Special Hazards Arising from the Substance

- Combustion produces non-hazardous carbon oxides (CO, CO<sub>2</sub>) and faint floral smoke; no toxic combustion products.
- Melted liquid may spread when burning; no explosive risk.

### 5.3 Advice for Firefighters

- Wear self-contained breathing apparatus and fire suit for large fires.
- Cool exposed containers with water spray to prevent thermal expansion and leakage.
- Fight fire from upwind and a safe distance.

## SECTION 6: Accidental Release Measures

### 6.1 Personal Precautions

- Wear nitrile gloves, safety glasses and protective lab coat; wear heat-resistant gloves if the product is melted (due to high temperature).
- Ensure good ventilation in the spill area.

### 6.2 Environmental Precautions

- Prevent spilled solid/liquid from entering sewers or water bodies; use sand or vermiculite to contain and absorb.



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## 6.3 Containment and Cleaning Up

- **Solid Spill:** Collect the solid residue with a spatula and place it in a sealed container for reuse or disposal.
- **Melted Liquid Spill:** Absorb with sand/vermiculite; place the absorbent in a sealed drum for incineration. Wipe the area with ethanol and ventilate fully.

## SECTION 7: Handling and Storage

### 7.1 Precautions for Safe Handling

- Operate in a well-ventilated area; melt the product in a **50-60°C water bath** (no direct heating) to avoid decomposition.
- Avoid breathing the slight vapor during melting; wash hands thoroughly after handling.
- Use dedicated glass/stainless steel utensils for melting and dispensing.

### 7.2 Conditions for Safe Storage

- **Storage:** 5-25°C, cool, dark, dry warehouse; sealed, nitrogen-filled packaging.
- **Incompatibilities:** Strong acids, strong bases, oxidizing agents, direct sunlight, high temperature.
- **Shelf Life:** 24 months (unopened); 6 months after opening (refrigerated, sealed).

## SECTION 8: Exposure Controls/Personal Protection

### 8.1 Control Parameters

- Linalool (main component): Recommended TWA 10 mg/m<sup>3</sup>; no official OEL for the mixture.

### 8.2 Personal Protective Equipment (PPE)

- **Eye/Face:** Safety glasses (routine); face shield (melting/dispensing).
- **Skin:** Nitrile gloves + heat-resistant gloves (melting); protective lab coat.
- **Respiratory:** No respirator required for normal use; half-face respirator with organic vapor cartridge for poor ventilation during melting.

## SECTION 9: Physical and Chemical Properties

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Property	Value	Unit
Physical State	Waxy solid (25°C); liquid (>45°C)	-
Color	Dark yellow to orange-brown	-
Odor	Fresh Jasmin Orange floral scent	-
Melting Point	45 - 55	°C
Flash Point (Open Cup)	≥ 160	°C
Autoignition Temperature	> 380	°C
Relative Density (50°C, liquid)	0.930 - 0.950	g/cm <sup>3</sup>
Refractive Index (40°C)	1.4800 - 1.4950	-
Water Solubility	Insoluble	-
Solubility	Soluble in ethanol, propylene glycol, vegetable oil-	-
Vapor Pressure (50°C)	< 0.005	hPa

## SECTION 10: Stability and Reactivity

- **Stability:** Stable under recommended storage/use conditions; oxidizes (color darkens) when exposed to air/light for long periods.
- **Hazardous Reactions:** No hazardous reactions under normal use; no polymerization risk.
- **Decomposition Products:** >200°C produces CO, CO<sub>2</sub> and natural terpene vapors (non-toxic).

## SECTION 11: Toxicological Information

- **Acute Toxicity:** Oral (Rat, LD<sub>50</sub>) > 5000 mg/kg; Dermal (Rabbit, LD<sub>50</sub>) > 5000 mg/kg.
- **Skin/Eye Irritation:** Mild irritation (undiluted melted); no irritation at formulated dosage (≤2%).



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- **Carcinogenicity/Mutagenicity:** Not classified as carcinogenic (IARC/EPA); no mutagenic effect.

### SECTION 12: Ecological Information

- **Aquatic Toxicity:** Fish (LC<sub>50</sub>) = 800 mg/L (96h); slightly toxic to aquatic organisms.
- **Biodegradability:** Fully biodegradable (BOD<sub>5</sub> /COD = 0.78) in 28 days; no persistent residues.
- **Bioaccumulation:** Low (log Kow = 3.0 for main components); no biomagnification.

### SECTION 13: Disposal Considerations

- **Product Waste:** Unused/expired concrete – incinerate in a licensed waste incineration plant; or recycle for industrial fragrance use if qualified.
- **Contaminated Waste:** Spill absorbents – incinerate as non-hazardous waste.
- **Packaging:** Rinse aluminum foil/fin cans with ethanol; recycle or dispose as non-hazardous waste.
- **Note:** Comply with local waste disposal regulations; do not dump directly into the environment.

### SECTION 14: Transport Information

- **UN Number:** ADR/RID/IMDG/IATA: - (Non-dangerous goods)
- **Transport Classification:** Non-hazardous solid (waxy); transport by temperature-controlled closed vehicles (5-30°C).
- **Precautions:** Avoid collision, extrusion, direct sunlight and extreme temperature; mark "Combustible Solid" and "Keep in Cool Place".

### SECTION 15: Regulatory Information

- **China:** Cosmetic Safety Technical Specifications (2021); Non-hazardous Chemical Classification.
- **EU:** REACH registered; not in SVHC List; complies with CLP and IFRA standards.
- **US:** TSCA listed; FDA compliant (cosmetic grade).
- **International:** Complies with ISO 9235 (Natural Floral Concretes Standards).

### SECTION 16: Other Information

- **Liability Note:** The supplier is not liable for damage caused by improper use (e.g., undiluted contact, overheating).
- **Update Note:** This MSDS will be updated if new safety data or regulatory requirements arise.
- **Melting Note:** Do not heat above 60°C to avoid aroma degradation and oxidation.
- **Contact:** For further information, call +86-021-50350029.