

# SAFETY DATA SHEET

Revision Date: 08/24/2026

## SECTION 1. IDENTIFICATION

Product Name : HESPERIDIUM ORANGE  
Product Class : Orange Organic Pigment  
Material Number : 3547239

### Manufacturer or Supplier's details

Company :

Emergency telephone : Chemtel (800) 255-3924 or  
International (813) 248-0585

Recommended use : Industrial Use Only

## SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

II Not a hazardous substance or mixture

### GHS Label Elements

II Not a hazardous substance or mixture

### Other Hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance

Chemical nature : Isoindolinone Organic Pigment  
C.I. No. : 56280

| Chemical Name | CAS-No.     | Concentration |
|---------------|-------------|---------------|
| MIXTURE       | 106276-80-6 | >98 %         |

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## SECTION 4. FIRST AID MEASURES

### Description of first aid measures

|                     |                                                                                                                                                                                 |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>  | : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for a remove contact lenses. Get medical attention if irritation occurs. |
| <b>Inhalation</b>   | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms continue.                                              |
| <b>Skin Contact</b> | : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes.                                                                                         |
| <b>Ingestion</b>    | : Wash out mouth with water. Remove victim to fresh air and keep in a position comfortable for breathing. Get medical attention if symptoms occur.                              |

### Potential acute health effects

|                     |                                                    |
|---------------------|----------------------------------------------------|
| <b>Eye contact</b>  | : May cause mechanical irritation (abrasion)       |
| <b>Inhalation</b>   | : No known significant effects or critical hazards |
| <b>Skin Contact</b> | : May cause mechanical irritation (abrasion)       |

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## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing media

|                                                       |                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                   | : Use an extinguishing agent suitable for the surrounding fire. In case of fire use water, foam, dry chemical, Co2 or sand can also be used.                                                                                                                             |
| <b>Unsuitable extinguishing media</b>                 | : Do not use a solid water stream as it may scatter and spread fire                                                                                                                                                                                                      |
| <b>Specific hazards during fire fighting</b>          | : Do not allow run-off from fire fighting to enter drains or water streams                                                                                                                                                                                               |
| <b>Hazardous thermal decomposition products</b>       | : The product itself does not burn                                                                                                                                                                                                                                       |
| <b>Special protective equipment for fire-fighters</b> | : Fire-fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                                                                                                    |
| <b>Further information</b>                            | : Standard procedure for chemical fires. Promptly isolate the scene by by removing all persons from the vicinity if there is a fire.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations and guidelines. |

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

|                                                                            |                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal Precautions, Protective equipment and Emergency procedures</b> | : Avoid dust formation. Ensure adequate ventilation. Use personal protective equipment, See also Section 8. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Avoid breathing dust. Put on appropriate personal protective equipment. |
| <b>Environmental precautions</b>                                           | : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the                                                                                                                              |

product has not been contained.

**Methods and materials for containment and cleaning up**

: If the spilled material contains dust, approach from upwind and use vacuum with HEPA filtration filters  
Dry sweeping is not recommended. Wet sand can be used and product disposed of in a sealed container.

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**SECTION 7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Protective measures**

: Avoid breathing dust. Remove contaminated clothing and protective equipment before entering eating areas. Workers should wash hands before eating or drinking. Eating, drinking and smoking should be prohibited in areas where this material is handled and stored and processed.

**Conditions for safe storage**

: Keep in a dry, cool and well ventilated place. Follow DOT and local Regulations. This product is not regulated as hazardous material by DOT

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**SECTION 8. Exposure controls/personal protection**

**Appropriate engineering controls**

: Use only with adequate ventilation. Apply technical measures to comply with occupational exposure limits.

**Personal protection**

**Hygiene measures**

: Wash hands, forearms and face thoroughly after handling chemical products and before eating. Appropriate techniques should be used to remove potentially contaminated clothing. Ensure that eyewash stations are close to the workstation location.

**Respiratory protection**

: Although no exposure limit has been established for this product, the OSHA PEL for Particulates NOT Otherwise Regulated (PNOR) of 5 mg/m<sup>3</sup> – total dust, 5 mg/m<sup>3</sup> respirable fraction is recommended. In addition, the ACGIH recommends 0.2 mg/m<sup>3</sup> - respirable particles and 0.2 mg/m<sup>3</sup> – inhalable particles for Particles (insoluble or poorly soluble) Not Otherwise Specified (PNOS). The following respirator is recommended if airborne concentrations exceed the appropriate standard/guideline. Dust-protection mask if there is a risk of dust formation. NIOSH approved air-purifying particulate respirator with N100 filters.

**Skin protection**

: Wear suitable protective clothing and gloves

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**SECTION 9. Physical and Chemical Properties**

**Appearance**

: Powder

**Physical State**

: Solid

**Color**

: Orange

**Odor**

: Odorless

**Odor Threshold**

: Not available

**pH**

: 5.5 – 8,5 Concentration : 5 %

**Melting point/range**

: > 350 oC

**Boiling point**

: No data available

**Flash point**

: No data available

|                              |                                  |
|------------------------------|----------------------------------|
| Evaporation rate             | : Not Applicable                 |
| Self-ignition                | : No data available              |
| Upper explosion limit        | : Not Applicable                 |
| Upper flammability limit     | : No data available              |
| Vapor pressure               | : Not applicable                 |
| Density                      | : 1.8 g /cm <sup>3</sup> @ 20 oC |
| Bulk density                 | : No data available              |
| Water Soluble                | : Insoluble                      |
| Solubility in other solvents | : No data available              |
| Auto-ignition temperature    | : No data available              |
| Decomposition temperature    | : No data available              |
| VOC content                  | : Not applicable                 |
| Oxidizing properties         | : Not applicable                 |

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMi Intermediate or Final VOC's (40 CFR 60.489)

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## SECTION 10. Stability and Reactivity

|                                   |                                                                                             |
|-----------------------------------|---------------------------------------------------------------------------------------------|
| Chemical stability                | : The product is chemically stable                                                          |
| Reactivity                        | ; No specific test data related to reactivity available for this product or its ingredients |
| Possibility of hazardous reaction | : No dangerous reaction known under conditions of normal use                                |
| Conditions to avoid               | : Incompatible materials                                                                    |
| Incompatible materials            | : Incompatible with oxidizing agents and strong acids.                                      |
| Hazardous decomposition products  | : No decomposition if stored and used as directed                                           |

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## SECTION 11. Toxicological information

**Information on the likely routes of exposure** : Inhalation , eye contact , skin contact, Ingestion

**Potential acute health effects**

|              |                                                    |
|--------------|----------------------------------------------------|
| Eye contact  | : May cause mechanical irritation (abrasion)       |
| Inhalation   | : No known significant effects or critical hazards |
| Skin contact | : May cause mechanical irritation (abrasion)       |
| Ingestion    | : No known significant effects or critical hazards |

**Symptoms related to the physical, chemical and toxicological characteristics**

|              |                    |
|--------------|--------------------|
| Eye contact  | : No specific data |
| Inhalation   | : No specific data |
| Skin contact | : No specific data |
| Ingestion    | : No specific data |

**Acute toxicity**  
Not classified based on available information

**Skin corrosion/irritation**  
Not classified based on available information

**Serious eye damage/eye irritation**  
Not classified based on available information

**Skin sensitization**  
Not classified based on available information

**Respiratory sensitization**  
Not classified based on available information

**Germ cell mutagenicity**  
Not classified based on available information

**Carcinogenicity**  
Not classified based on available information

**IARC**            No component of this product present at levels greater than or equal to 0.1 % is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA**            No component of this product present at levels greater than or equal to 0.1 % is on OSHA’s list of regulated carcinogens.

**NTP**            No ingredient of this product present at levels greater than or equal to 0.1 % is identified as a known or anticipated carcinogen by NTP.

**Reproductive toxicity**  
Not classified based on available information

**STOT-single exposure**  
Not classified based on available information

**STOT-repeated exposure**  
Not classified based on available information

**Aspiration toxicity**  
Not classified based on available information

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**SECTION 12. Ecological Information**

**Ecotoxicity**  
This product has no known ecotoxicological effects.

**Persistence and degradability**  
No data available

**Bioaccumulative potential**  
No data available

**Mobility in soil**  
No data available

**Other adverse effects**

**Product**

|                           |                                                                                                                                                                                                                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ozone-Depletion Potential | : Regulation: 40 CFR Protection of Environment; Part 82<br>Protection of Stratospheric Ozone – CAA Section 602 Class 1<br>Substances. Remarks: This product neither contains, nor was<br>manufactured with a Class I or Class II ODS as defined by the<br>U.S. Clean Air Act Section 602 40 CFR 82, Subpt.A, App.A+B |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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**SECTION 13. Disposal Considerations**

**Disposal methods**

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste from residues | : The generation of waste should be avoided or minimized<br>wherever possible. This material and its container must be<br>disposed of in a safe way. Empty containers retain product<br>residue; observe all precautions for product.<br>Avoid dispersal of spilled material and runoff and contact with<br>soil, waterways, drains and sewers.<br>Waste disposal should be in accordance with existing federal,<br>state, provincial and/or local environmental controls. |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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**SECTION 14. Transport Information**

**International Regulations**

**IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied

**National Regulations**

**49 CFR**

Not regulated as a dangerous good

**Hazard and handling Notes**

Not dangerous cargo. Has a slight odor. Keep separated from foodstuffs

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**SECTION 15. Regulatory information**

**CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ

**SARA 304 Extremely Hazardous Substances Threshold Planning Quantity**

This material does not contain any components with a section 304 EHS RQ.

SARA Title III : 311/312 Hazards

SARA Title III 313

: This product is not regulated under Section 311-312 (40 CFR 370)

: This product does not contain any chemicals for routine annual toxic chemical release reporting under Section 313 (40 CFR 372)

US State Regulations

Massachusetts Right To Know

No components are subject to the Massachusetts right to Know Act

Pennsylvania Right To Know

This product contains components that are reportable under the regulation

California Prop. 65

This product does not contain any chemicals known to the State of California to cause cancer, birth or any other reproductive defects.

The components of this product are reported in the following inventories:

|                         |                                                          |
|-------------------------|----------------------------------------------------------|
| TSCA (United States)    | : On TSCA Inventory                                      |
| DSL/NDSL (Canada)       | : All components of this product are on the Canadian DSL |
| AICS (Australia)        | : On the inventory or in compliance with the inventory   |
| NZIOC (New Zealand)     | : On the inventory or in compliance with the inventory   |
| EINECS (European Union) | : On the inventory or in compliance with the inventory   |
| ENCS (Japan)            | : On the inventory or in compliance with the inventory   |
| KECA (Korea)            | : On the inventory or in compliance with the inventory   |
| PICCS (Philippines)     | : On the inventory or in compliance with the inventory   |
| IECSC (China)           | : On the inventory or in compliance with the inventory   |
| TCSI (Taiwan)           | : On the inventory or in compliance with the inventory   |
| INSQ (Mexico)           | : On the inventory or in compliance with the inventory   |
| SVVISS (Switzerland)    | : On the inventory or in compliance with the inventory   |

16. Other Information

|               |                     |   |
|---------------|---------------------|---|
| Revision Date | August 24, 2026     |   |
| HMIS RATING   | HEALTH              | 1 |
|               | FLAMMABILITY        | 0 |
|               | REACTIVITY          | 0 |
|               | PERSONAL PROTECTION | E |

SOURCES OF KEY DATA USED TO COMPILE THIS SAFETY DATA SHEET:

Manufacturers SDS, OSHA Occupational Chemical Database, Chemidplus Toxnet Databases, NIH Haz-Map Database, TSCA Database, ECHA.

