

Product Specification



Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

CAS Number: 93-18-5

FEMA Number: 2768

Characteristic:

Purity %

Gas Chromatograph

Melting Point (°c)

Odor

Color/appearance

Specification:

99.00 100.00

PASSES TEST

35.0 37.0

NEROLI-ORANGE BLOSSOM ODOR.

WHITE TO OFF-WHITE CRYSTALS.

Additional Product Information:

Flash Point: 212 °F

Shelf Life: 36 Months

Storage Conditions: Stable when stored in its original package, tightly sealed in a cool (46-90°F) and dry location out of direct heat and light.

Effective Date: July 15, 2022

Printed Date: October 17, 2024

Vigon International, LLC.

127 Airport Road East Stroudsburg, PA 18301-9629 USA | Tel: +1 570-476-6300 | Fax: +1 570-476-1110 | Email: regulatory@vigon.com | Web: vigon.com



500258 Nerolin Crystals

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 03-10-2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Substance
Trade name : 500258 Nerolin Crystals
Chemical name : 2-ethoxynaphthalene
CAS-No. : 93-18-5
Product code : 500258
Formula : C12H12O

1.2. Other means of identification

Synonyms : 2-ethoxy-naphthalene / ethyl beta-naphtholate / ethyl beta-naphthyl ether / naphthalene, 2-ethoxybeta-naphthyl ethyl ether
Other means of identification : FEMA: 2768

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Concentrated aromatic and flavor ingredient which may be used in flavor and fragrance compounds according to legal and IFRA or FEMA GRAS/FDA guidelines.
Restrictions on use : For Manufacturing Use Only

1.4. Supplier's details

Supplier

Vigon International, LLC
127 Airport Road,
East Stroudsburg,
PA 18301-9629,
USA

Telephone: +1 570-476-6300
Fax: +1 570-476-1110
Website: www.vigon.com
E-mail: regulatory@vigon.com

1.5. Emergency phone number

Emergency number : CareChem 24x7 ACCT Number: AZELIS-29003 | EUROPE: +44 1235 239670 | USA: +1 202 464 2554 | CANADA - +1 800 579 7421 (Toll Free)| ASIA - +65 3158 1074 | MOROCCO - +44 1235 239671 | REST OF THE WORLD - +44 1865 407333 (English only)

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

GHS US classification

Skin Irrit. 2	H315	Causes skin irritation.
Aquatic Acute 2	H401	Toxic to aquatic life.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.
Comb. Dust		May form combustible dust concentrations in air [if small particles are generated during further processing, handling or by other means.].

Full text of hazard classes and H-statements : see section 16

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2.2. Label elements

GHS US labelling

Hazard pictograms (GHS US)



Signal word (GHS US)

: Warning

Hazard statements (GHS US)

: CODU - May form combustible dust concentrations in air [if small particles are generated during further processing, handling or by other means.]

H315 - Causes skin irritation

H401 - Toxic to aquatic life

H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (GHS US)

: P264 - Wash hands, forearms and face thoroughly after handling.

P273 - Avoid release to the environment.

P280 - Wear protective gloves.

P302+P352 - If on skin: Wash with plenty of water.

P312 - Call a poison center or doctor if you feel unwell.

P332+P313 - If skin irritation occurs: Get medical advice or attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P391 - Collect spillage.

P220 - Keep/Store away from incompatible materials.

P501 - Dispose of contents and/or container to in accordance with local/regional/national/international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Name	Product identifier	%
2-ethoxynaphthalene (Main constituent)	CAS-No.: 93-18-5	100

Full text of hazard classes and H-statements : see section 16

3.2. Mixtures

Not applicable

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general

: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

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First-aid measures after inhalation	: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. For breathing difficulties, oxygen may be necessary. Call a physician if symptoms develop or persist.
First-aid measures after skin contact	: Wash skin thoroughly with soap and water for several minutes. Get medical attention if irritation develops and persists. Take off immediately all contaminated clothing.
First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Promptly wash eyes with plenty of water while lifting the eye lids.
First-aid measures after ingestion	: Call a physician or poison control center immediately. If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects	: Dusts may irritate the respiratory tract, skin and eyes.
Symptoms/effects after inhalation	: Irritating to respiratory system.
Symptoms/effects after skin contact	: Skin irritation. May cause redness and pain.
Symptoms/effects after eye contact	: Direct contact with eyes may cause temporary irritation.
Symptoms/effects after ingestion	: May be harmful if swallowed.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Water spray, fog, CO ₂ , dry chemical, or alcohol resistant foam.
Unsuitable extinguishing media	: Do not use a solid water stream as it may scatter and spread fire.

5.2. Specific hazards arising from the chemical

Explosion hazard	: Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.
Reactivity in case of fire	: Static charges generated by emptying package in or near flammable vapor may cause flash fire.
Hazardous decomposition products in case of fire	: Fire may produce irritating, corrosive and/or toxic gases.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Water runoff can cause environmental damage. Ventilate closed spaces before entering them. Keep run-off water out of sewers and water sources. Dike for water control.
Protection during firefighting	: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection. Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.
Other information	: Use water spray to cool unopened containers.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Eliminate all sources of ignition. Avoid contact with skin or inhalation of spillage, dust or vapor. Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them.

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For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Evacuate unnecessary personnel.
Environmental precautions	: Retain and dispose of contaminated wash water. Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water.

6.2. Methods and materials for containment and cleaning up

Methods for cleaning up:	: Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Sweep up and place in a clearly labeled container for chemical waste. Wash contaminated area with water. Use only non-sparking tools. Avoid the generation of dusts during clean-up. This material and its container must be disposed of as hazardous waste. Never return spills in original containers for re-use.
Other information	: Dispose of materials or solid residues at an authorized site.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Take precautionary measures against static discharges when there is a risk of dust explosion. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Do not handle or store near an open flame, heat or other sources of ignition. Assume that this material is capable of producing a dust explosion if ignited as a dust cloud. Take precautionary measures against static discharges. Avoid breathing vapor. Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling.
Hygiene measures	: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions	: Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Store in a cool, well-ventilated area.
Incompatible materials	: Strong oxidizing agents.
Maximum storage period	: 1095 days

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

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8.2. Appropriate engineering controls

- Appropriate engineering controls : Use explosion-proof ventilation equipment to stay below exposure limits. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e, there is no leakage from the equipment). Use only appropriately classified electrical equipment and powered industrial trucks.
- Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Protective clothing. Safety glasses. Wear protective gloves. Dust formation: dust mask.

Hand protection:
Chemical resistant gloves
Eye protection:
Wear safety glasses with side shields (or goggles)
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment. Dust mask

Personal protective equipment symbol(s):



Thermal hazard protection:

Wear appropriate thermal protective clothing, when necessary.

Other information:

When using do not smoke. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder. Crystalline powder.
Colour	: As per product specification.
Odour	: Characteristic
Odour threshold	: No data available
pH	: No data available
Melting point	: 37 °C (98.6 °F)
Freezing point	: Not applicable
Boiling point	: 282 °C (539.6 °F)
Flash point	: 212 °F (100 °C, Closed Cup)
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: 0.01 mm Hg (25 °C)
Relative vapour density at 20°C	: No data available
Relative density	: 1.06 (25 °C)

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Molecular mass	: 172.23 g/mol
Solubility	: Water: Insoluble
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Viscosity, kinematic	: Not applicable
Explosive limits	: Not applicable
Explosive properties	: Not explosive.
Oxidising properties	: Not oxidizing.
Particle characteristics	: No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

Additional information : Vapour density: 6

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Fire may produce irritating, corrosive and/or toxic gases.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

2-ethoxynaphthalene (93-18-5)

LD50 oral rat	3110 mg/kg
LD50 dermal rabbit	> 5000 mg/kg

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

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Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

2-ethoxynaphthalene (93-18-5)	
IARC group	Not listed
National Toxicity Program (NTP) Status	Not listed

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

2-ethoxynaphthalene (93-18-5)	
Viscosity, kinematic	Not applicable

Symptoms/effects : Dusts may irritate the respiratory tract, skin and eyes.
Symptoms/effects after inhalation : Irritating to respiratory system.
Symptoms/effects after skin contact : Skin irritation. May cause redness and pain.
Symptoms/effects after eye contact : Direct contact with eyes may cause temporary irritation.
Symptoms/effects after ingestion : May be harmful if swallowed.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : Toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute) : Toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

2-ethoxynaphthalene (93-18-5)	
Persistence and degradability	No additional information available.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified
Other adverse effects : No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.
Waste treatment methods : Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

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Sewage disposal recommendations	: Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/ water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/ regional/national/international regulations.
Product/Packaging disposal recommendations	: Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.
Additional information	: Do not re-use empty containers.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

14.1. UN Number

UN-No. (DOT)	: UN3077
UN-No. (IMDG)	: 3077
UN-No. (IATA)	: 3077

14.2. UN Proper Shipping Name

Proper Shipping Name (DOT)	: Environmentally hazardous substances, solid, n.o.s. (2-ethoxynaphthalene)
Proper Shipping Name (IMDG)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2-ethoxynaphthalene)
Proper Shipping Name (IATA)	: Environmentally hazardous substance, solid, n.o.s. (2-ethoxynaphthalene)

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT)	: 9
Hazard labels (DOT)	: 9



IMDG

Transport hazard class(es) (IMDG)	: 9
Danger labels (IMDG)	: 9



IATA

Transport hazard class(es) (IATA)	: 9
Danger labels (IATA)	: 9



14.4. Packing group

Packing group (DOT)	: III
Packing group (IMDG)	: III
Packing group (IATA)	: III

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14.5. Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes



Other information : No supplementary information available.

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
UN-No. (DOT) : UN3077

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DOT Special Provisions (49 CFR 172.102)	: 8 - A hazardous substance that is not a hazardous waste may be shipped under the shipping description "Other regulated substances, liquid or solid, n.o.s.", as appropriate. In addition, for solid materials, special provision B54 applies. 146 - This description may be used for a material that poses a hazard to the environment but does not meet the definition for a hazardous waste or a hazardous substance, as defined in 171.8 of this subchapter, or any hazard class as defined in Part 173 of this subchapter, if it is designated as environmentally hazardous by the Competent Authority of the country of origin, transit or destination. 335 - Mixtures of solids that are not subject to this subchapter and environmentally hazardous liquids or solids may be classified as "Environmentally hazardous substances, solid, n.o.s," UN3077 and may be transported under this entry, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Each transport unit must be leakproof when used as bulk packaging. 384 - For transportation by motor vehicle, substances meeting the conditions for high viscosity flammable liquids as prescribed in §173.121(b)(1)(i), (b)(1)(ii), and (b)(1)(iv) of this subchapter, may be reassigned to Packing Group III under the following conditions: A112 - Notwithstanding the quantity limits shown in Column (9A) and (9B) for this entry, the following IBCs are authorized for transportation aboard passenger and cargo-only aircraft. Each IBC may not exceed a maximum net quantity of 1,000 kg: a. Metal: 11A, 11B, 11N, 21A, 21B and 21N b. Rigid plastics: 11H1, 11H2, 21H1 and 21H2 c. Composite with plastic inner receptacle: 11HZ1, 11HZ2, 21HZ1 and 21HZ2 d. Fiberboard: 11G e. Wooden: 11C, 11D and 11F (with inner liners) f. Flexible: 13H2, 13H3, 13H4, 13H5, 13L2, 13L3, 13L4, 13M1 and 13M2 (flexible IBCs must be sift-proof and water resistant or must be fitted with a sift-proof and water resistant liner). B54 - Open-top, sift-proof rail cars are also authorized. B120 - The use of flexible bulk containers conforming to the requirements in subpart R and subpart S of part 178 of this subchapter is permitted. IB8 - Authorized IBCs: Metal (11A, 11B, 11N, 21A, 21B, 21N, 31A, 31B and 31N); Rigid plastics (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11HZ1, 11HZ2, 21HZ1, 21HZ2, 31HZ1 and 31HZ2); Fiberboard (11G); Wooden (11C, 11D and 11F); Flexible (13H1, 13H2, 13H3, 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13M1 or 13M2). IP3 - Flexible IBCs must be sift-proof and water-resistant or must be fitted with a sift-proof and water-resistant liner. N20 - A 5M1 multi-wall paper bag is authorized if transported in a closed transport vehicle. N91 - The use of a non specification sift-proof, non-bulk, metal can with or without lid, or a non specification sift-proof, non-bulk fiber drum, with or without lid is authorized when transporting coal tar pitch compounds by motor vehicle or rail freight. The fiber drum must be fabricated with a three ply wall, as a minimum. The coal tar pitch compound must be in a solid mass during transportation. T1 - 1.5 178.274(d)(2) Normal..... 178.275(d)(2) TP33 - The portable tank instruction assigned for this substance applies for granular and powdered solids and for solids which are filled and discharged at temperatures above their melting point which are cooled and transported as a solid mass. Solid substances transported or offered for transport above their melting point are authorized for transportation in portable tanks conforming to the provisions of portable tank instruction T4 for solid substances of packing group III or T7 for solid substances of packing group II, unless a tank with more stringent requirements for minimum shell thickness, maximum allowable working pressure, pressure-relief devices or bottom outlets are assigned in which case the more stringent tank instruction and special provisions shall apply. Filling limits must be in accordance with portable tank special provision TP3. Solids meeting the definition of an elevated temperature material must be transported in accordance with the applicable requirements of this subchapter.
DOT Packaging Exceptions (49 CFR 173.xxx)	: 155
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 213
DOT Packaging Bulk (49 CFR 173.xxx)	: 240
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: No Limit

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DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : No Limit
DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

IMDG

Special provisions (IMDG) : 274, 335, 375, 966, 967, 969
Limited quantities (IMDG) : 5 kg
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : LP02, P002
Special packing provisions (IMDG) : PP12
IBC packing instructions (IMDG) : IBC08
IBC special provisions (IMDG) : B3
Tank instructions (IMDG) : BK1, BK2, BK3, T1
Tank special provisions (IMDG) : TP33
EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage) : S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS
Stowage category (IMDG) : A
Stowage and handling (IMDG) : SW23

IATA

Special provisions (IATA) : A97, A158, A179, A197, A215
PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y956
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 956
PCA max net quantity (IATA) : 400kg
CAO packing instructions (IATA) : 956
CAO max net quantity (IATA) : 400kg
ERG code (IATA) : 9L

SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

No additional information available

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other Information

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Full text of hazard classes and H-statements	
Aquatic Acute 2	Hazardous to the aquatic environment — Acute Hazard, Category 2
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Comb. Dust	Combustible dust
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H315	Causes skin irritation
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



Date: January 12, 2026 | כ"ג בטבת תשפ"ו
Kof-K ID: K-0000507 | Certificate ID: UU0UD-BTVBK
Product Count: 1

Kosher Certificate

Vigon International, LLC
127 AIRPORT RD., EAST STROUDSBURG, PA 18301 UNITED STATES

This certificate is
valid through

12/31/2026

The following product(s) Manufactured By Vigon International, LLC are certified kosher with the listed restrictions.

Code	Name	Status	Restriction	UKD#
500258	NEROLIN CRYSTALS	Parve	Kof-K symbol required 	KFK0NPB9PAF



Rabbi Avram Ossey

Rabbinic Administrator

To verify or for the most up to date certificate please visit www.koshercertificate.com

201 The Plaza, Teaneck, NJ 07666 | Phone 201.837.0500

Disclaimer: This certificate is the private property of KOF-K Kosher Supervision and cannot be reposted without the express permission of KOF-K Kosher Supervision.





المجلس الإسلامي الأمريكي للغذاء و التغذية
THE ISLAMIC FOOD AND NUTRITION COUNCIL OF AMERICA
IFANCA HALAL PRODUCT CERTIFICATE شهادة حلال

This is to certify that the following product(s) have been produced under the supervision of the Islamic Food and Nutrition Council of America(IFANCA). The production facility as well as component ingredients have been reviewed and approved. The product(s) are in compliance with the halal requirements under Islamic laws.

Date: **January 07, 2026**

Document #: **6718.12506.II267776**

Company Name & Address: **Vigon International, LLC** 127 Airport Road East Stroudsburg, Pennsylvania 18301 USA

Plant Name & Address: **Vigon International, LLC** 127 Airport Road East Stroudsburg, Pennsylvania 18301 USA

ProductName	Product Code	Halal-ID	Product Certificate #
1. NEROLIN CRYSTALS	500258	B66203	HC-26VIH857

Muhammad Munir Chaudry
Muhammad Munir Chaudry, Ph.D.
President



This Certificate is valid until **January 31, 2027** and subject to renewal at that time.



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Food Grade Certification

Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

FEMA #: 2768

Vigon International, LLC. certifies that the above flavor or ingredient is Food Grade in accordance with at least one of the following recognized organizations:

FDA/FEMA GRAS	(Flavor and Extract Manufacturers Assoc. Generally Recognized as Safe)
JECFA	(Joint FAO/WHO Expert Committee on Food Additives)
CoE	(Council of Europe)
FLAVIS	(Assigned by EFSA – European Food Safety Authority)

As a US based company, we have included the FEMA Number on this certificate however, the remaining numbers can be provided upon request. We hereby certify that this flavor or ingredient is safe for its intended use in food.

Vigon International, LLC. may terminate this certification at any time upon written notice in which this certificate shall become null and void as to any material supplied after termination of this certification.

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com
Date of Issue: October 17, 2024



Allergen/Sensitive Agents Identification Sheet

Product Name: **NEROLIN CRYSTALS**

Vigon Code: **500258**

* A check mark (☑) indicates the Allergen/Sensitive Agent is present. If blank it means that there is no Allergen/Sensitive present.

ALLERGEN/SENSITIVE AGENTS	*
CORN & CORN PRODUCTS Includes modified starch, hydrolyzed protein, sweeteners, sugars, spice carriers	
EGG & EGG PRODUCTS liquid and powders	
FISH Includes any and all species of fresh and salt water fish	
GARLIC Dehydrated, powdered, granules, and flakes	
GLUTEN Wheat, rye, barley, oats, flour, etc.	
MILK & DAIRY PRODUCTS Includes whey, lactose, cheese, casein, spice carriers, milk, cream, etc.	
MONOSODIUM GLUTAMATE	
PEANUTS, PEANUT OIL & PEANUT DERIVED ITEMS Peanut meal, flour & ground nuts, szechwan sauce, mandelona nuts, etc.	
SESAME SEEDS & SESAME OIL	
CRUSTACEANS Shrimp, lobster, rock lobster, crab, crayfish, and products made from them	
MOLLUSKS Clams, mussels, oysters, scallops, and products made from them	
SOY Includes soya powder, protein, oil, lecithin, tofu	
SULFITES Includes sulfur dioxide, sodium dithionite, chemicals that lists sulfite, etc.	
TREE NUTS Includes almonds, beechnuts, basil nuts, nutmeg, cashews, chestnuts, etc.	
WHEAT Includes hydrolyzed wheat protein, flour, gluten flour, starches	
MUSTARD & MUSTARD OIL	
LUPIN	
CELERY	

Vigon International, LLC. follows Good Manufacturing Practices and has implemented HACCP systems. Our personnel are trained on the proper handling of allergenic materials.

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com

Date of Issue: October 17, 2024



GMO Status Statement

Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

Vigon International, LLC. declares that the product listed above is not derived from or produced using genetically modified organisms or their derivatives.

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com

Date of Issue: October 17, 2024

Nutritional Statement



Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

Vigon International, LLC. certifies that, to the best of our knowledge, the product listed above does not contribute to the nutritional value of flavors due to their extremely low usage levels and therefore falls under the nutritional labeling exemption defined in Section 101.9(a) and (j) of Title 21 of the Code of Federal Regulations.

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com
Date of Issue: October 17, 2024



Irradiation and Sewage Sludge Statement

Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

Vigon International, LLC. declares that the product listed above has **not** been:

- a) Exposed to Ionizing Radiation
- b) Derived from Sewage Sludge
- c) Treated with Ethyl Oxide

Vigon International, LLC. may terminate this statement at any time upon written notice in which this statement shall be null and void as to any material supplied after termination of the statement.

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com
Date of Issue: October 17, 2024



Heavy Metals and Pesticide Statement

Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

Vigon International, LLC. declares that, to the best of our knowledge and belief, all ingredients in the product listed above are listed as being generally recognized as safe (GRAS) by the Food and Drug administration (FDA) when used in accordance with the FDA's good manufacturing practices (GMP) and contain no residues of heavy metals and pesticides in excess of tolerances set by the FDA and the Environmental Protection Agency (EPA).

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com
Date of Issue: October 17, 2024



Stabilizer Statement

Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

Vigon International, LLC. declares that, to the best of our knowledge that the product listed above has not been treated with BHT, BHA, Tocopherols or any other stabilizer.

Vigon International, LLC. may terminate this statement at any time upon written notice in which this statement shall be null and void as to any material supplied after termination of the statement.

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com
Date of Issue: October 17, 2024



Continuing Product Guarantee

Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

In accordance with the regulations promulgated under the Federal Food, Drug, and Cosmetic Act, Vigon International, LLC. hereby provides continuing guarantee for the item listed above.

The article(s) comprising each shipment or other delivery hereafter made by Vigon International, LLC. is hereby guaranteed, as of the date of shipment or delivery, to be, on such date, not adulterated or misbranded within the meaning of the Federal Food, Drug, and Cosmetic Act, and not an article which may not, under the provisions of section 404, 505, or 512 of the act, be introduced into interstate commerce.

The guarantee herein given shall be a continuing guarantee and shall remain in full force and effect until revoked in writing by the undersigned. This guarantee shall not limit or preclude the operation and effect of any and all provisions of any agreement(s) under which the articles covered by this guarantee are sold, and the provisions of such agreement(s) shall govern in the event of any conflict or inconsistency herewith. Supplier's liability for breach of this guarantee shall in no event exceed the value of such of the articles of the supplier shipped to or on the order of Purchaser hereunder as may fail to comply with this guarantee.

This guarantee shall be void and of no effect in any instance where the particular use by Purchaser of any article to which this guarantee would otherwise apply is a use which is not in accordance with the requirements of the Federal Food, Drug and Cosmetic Act. Any and all prior guarantees and/or indemnity agreements heretofore given by supplier, are hereby revoked.

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com
Date of Issue: October 17, 2024

Dietary Preferences & Restrictions



Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

Vigon International, LLC. certifies that the product listed above is suitable for consumption by:

Vegans Do not eat meat, poultry, fish/seafood, eggs, dairy products, honey	✓
Lacto-Vegetarians Do not eat meat, poultry, fish/seafood, eggs, but do eat dairy products	✓
Ovo-Vegetarians Do not eat meat, poultry, fish/seafood, dairy products, but do eat eggs	✓
Vegetarians Do not eat meat, poultry, fish/seafood, but do eat dairy products and eggs	✓

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com

Date of Issue: October 17, 2024



Animal Testing Statement

Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

Vigon International, LLC. is not in the practice of performing or commissioning animal testing on its finished products and actively evaluates the ingredients of its products through non-animal testing methods and through computational (predictive) toxicology programs.

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com
Date of Issue: October 17, 2024



Proposition 65 Statement

Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

Vigon International, LLC. certifies that the product above is **not listed** on the California's Safe Drinking Water and Toxic Enforcement Act of 1986, also known as Proposition 65.

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com
Date of Issue: October 17, 2024

EU Declaration



Vigon Code: 500258

Product Name: NEROLIN CRYSTALS

The product listed above is acceptable and/or approved for use in the European Union.
Below is the flavoring status based on European Regulation 2008/1334/EC.

	Flavouring Preparation
	Natural Flavouring Substance
✓	Flavouring Substance
	Thermal Process Flavouring
	Smoke Flavouring
	Flavour Precursor
	Other Flavouring
	Not Applicable: Contains no ingredients whose use is intended primarily for flavour.
	Not Permitted: Contains ingredient(s) which are not permitted in flavours in the EU.

Sincerely,

Vigon Regulatory Department

regulatory@vigon.com

Date of Issue: October 17, 2024

Nanomaterials



Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

We hereby confirm, to the best of our knowledge, that the above referenced product has not been formulated with engineered nanomaterials.

"Engineered nanomaterial" means any intentionally produced material that has one or more dimensions of the order of 100 nm or less or that is composed of discrete functional parts, either internally or at the surface, many of which have one or more dimensions of the order of 100 nm or less, including structures, agglomerates or aggregates, which may have a size above the order of 100nm but retain properties that are characteristic of the nanoscale.

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com
Date of Issue: October 17, 2024

Transmissible Spongiform Encephalopathy (TSE) and Bovine Spongiform Encephalopathy (BSE) Statement



Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

Vigon International, LLC. products are manufactured wholly from synthetic, natural or manufactured materials and do not contain any raw materials produced from or substances derived of animal origin. Moreover, these products do not contain, and are not derived from, specified risk material as defined in Commission Decision 97/534/EC or mechanically recovered meat obtained from the vertebral column of bovine, ovine or caprine animals.

The manufacturing process does not use any ingredient of animal origin nor do our products come in contact with animal products during storage and transportation.

We further declare that our products are Dioxin Free.

Therefore, to the best of our knowledge the product listed above are free from Transmissible Spongiform Encephalopathy (TSE) and Bovine Spongiform Encephalopathy (BSE).

Vigon International, LLC. may terminate this statement at any time upon written notice, in which this statement shall be null and void as to any material supplied after termination of the statement.

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com

Date of Issue: October 17, 2024

IFRA

Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

- Is not restricted as such according to the Standards of the International Fragrance Association (IFRA) (up to and including the 51st amendment)
- Bears no IFRA specifications

The IFRA Standards regarding use restriction are based on safety assessments by the Panel of Experts of the Research Institute for Fragrance Materials (RIFM) and are enforced by the IFRA Scientific Committee.

It is the ultimate responsibility of our customer to ensure the safety of the final product by further testing if need be.

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com
Date of Issue: October 17, 2024

International Inventories



Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances and Control Act (TSCA) Inventory	Yes

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com
Date of Issue: October 17, 2024

Residual Solvents



Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

Based on our knowledge of our production process, raw materials and equipments used we do not expect residual solvents to be present.

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com
Date of Issue: October 17, 2024

Melamine Statement

Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

Based on our knowledge of our production process, raw materials and equipment used we do not expect melamine to be present.

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com
Date of Issue: October 17, 2024

Phthalate Statement



Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

We've performed a risk assessment on our product contact plastics which include tubes, joints, caps, pumps, as well as packaging (e.g. plastic wraps and bags) and can confirm that our plastic products do not contain certain phthalate esters (most notably bis-2-Ethylhexyl phthalate[DEHP] and dibutyl phthalate [DBP]).

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com
Date of Issue: October 17, 2024



Certificate of Origin

Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

Vigon International, LLC. certifies that the product listed above is manufactured in the country listed below:

Tariff #: 2909.30.2000

Country of Origin: INDIA

Sincerely,

Vigon Regulatory Department

regulatory@vigon.com

Date of Issue: November 22, 2024

Synthetic Status Certificate



Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

Vigon International, LLC. certifies that the product listed above is declared ***artificial*** and does ***not*** meet the criteria of Naturalness as defined in Section 101.22 (a) (3) of Title 21 of the United States Code of Federal Regulations.

Vigon International, LLC. may terminate this certification at any time upon written notice in which this certification shall be null and void as to any material supplied after termination of the certification.

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com
Date of Issue: October 17, 2024



Vigon International LLC.
127 Airport Road
East Stroudsburg, PA 18301-9629 USA
+1 570-476-6300 | regulatory@vigon.com

500258 NEROLIN CRYSTALS

Code : 500258

ID # : EXAMPLE

Country of origin: India
Chemical name: 2-ethoxynaphthalene
CAS#: 93-18-5
Flash point: 212 °F (100 °C)
Allergen List: None
Liters: 0.000

	KG	LB
Approx. Gross:	0	0
Approx. Tare:	0	0
Net:	0	0

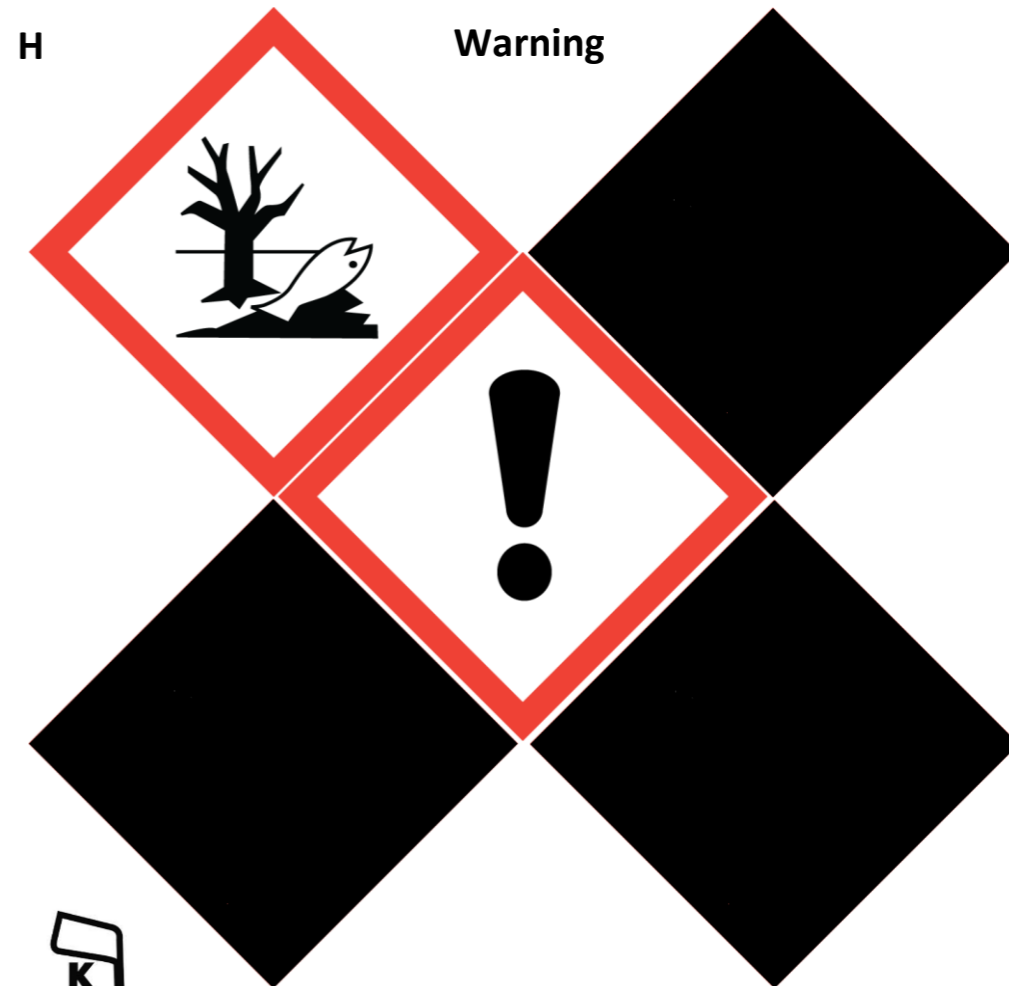
Produced on: N/A
Best used before: N/A
Lot #: EXAMPLE

STORAGE CONDITIONS: Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Store in a cool, well-ventilated area.



INSTRUCTIONS FOR USE: Ask your employer for guidance regarding the safe use and handling of this product in your specific workplace environment based on the information provided in Vigons safety data sheet

HAZARD STATEMENTS (GHS US): May form combustible dust concentrations in air [if small particles are generated during further processing, handling or by other means.]. Causes skin irritation. Toxic to aquatic life. Toxic to aquatic life with long lasting effects PRECAUTIONARY STATEMENTS (GHS US): Wash hands, forearms and face thoroughly after handling. Avoid release to the environment. Wear protective gloves. If on skin: Wash with plenty of water. Call a poison center or doctor if you feel unwell. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. Collect spillage. Keep/Store away from incompatible materials. Dispose of contents and/or container to in accordance with local/regional/national/international regulations.



PPE : E



EU Fragrance Allergen Statement

Product Name: NEROLIN CRYSTALS

Vigon Code: 500258

The product listed above is in compliance with the European Directive 76/768/EEC established by the SCCNFP declared allergens. This product is free of these fragrance allergens.

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com
Date of Issue: October 17, 2024