Product Specification

Product Name: ETHYL VANILLIN

Vigon Code: 507237

CAS Number: 121-32-4

FEMA Number: 2464

VIGON

zelis

Characteristic:	Specification:	
Arsenic (ppm)	0.00	0.30
Purity %	99.90	100.00
Gas Chromatograph	PASSES TEST	
Heavy Metals (ppm)	0.00	10.00
Loss On Drying (%)	0.000	0.050
Melting Point (°c)	76.0	78.0
Odor	INTENSE VANI	LLA ODOR.
Sulfated Ashes%	0.00	0.05
Total Chlorine	ABSENT	
Color/appearance	WHITE TO OFF	-WHITE CRYSTALLINE POWDER.

Additional Product Information:

Flash Point: 212 °F

Shelf Life: 60 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: December 5, 2022

Printed Date: July 17, 2024



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1. IDENTIFICATION Product Description: ETHYL VANILLIN CAS# 121-32-4 2464 **FEMA Number** Other means of identification Vigon Item # 507237 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. **Recommended restrictions** For Manufacturing Use Only Company 24 Hour Emergency Response Information Vigon International, LLC INFOTRAC (ACCT# 78928); 1-800-535-5053 WITHIN THE U.S.A. 127 Airport Road 1-352-323-3500 OUTSIDE THE U.S.A. E. Stroudsburg, PA 18301 For information call: 570-476-6300 Web Site: www.vigon.com Manufacturer/Importer/Supplier/Distributor information Manufacturer Vigon International, LLC Company name Address 127 Airport Road E. Stroudsburg, PA 18301 **United States** Telephone 570-476-6300 For information call: Website www.vigon.com E-mail regulatory@vigon.com **INFOTRAC** Emergency phone number (ACCT# 78928); 1-800-535-5053 WITHIN THE U.S.A. 1-352-323-3500 OUTSIDE THE U.S.A. 2. HAZARD(S) IDENTIFICATION Physical hazards Not classified. Health hazards Acute toxicity, oral Category 4 Acute toxicity, dermal Category 5 Serious eye damage/eye irritation Category 2B Specific target organ toxicity, single exposure Category 3 respiratory tract irritation

Hazardous to the aquatic environment, acute

hazard

long-term hazard

Environmental hazards

Hazardous to the aquatic environment, Category 3

Category 3



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Label elements

Signal word Hazard statement	Warning Harmful if swallowed. May be harmful in contact with skin. Causes eye irritation. May cause
	respiratory irritation. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.
Precautionary statement	
Prevention	Avoid breathing dust. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment.
Response	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	WARNING! May form combustible dust concentrations in air. Avoid breathing dust.
Supplemental information	100% of the substance consists of component(s) of unknown acute inhalation toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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Substances

Chemical name	Common name and synonyms	CAS number	%
ETHYL VANILLIN	3- ethoxy-4-hydroxybenzaldehyde ethavan 2- ethoxy-4-formyl phenol bourbonal ethyl protocatechuic aldehyde	121-32-4	100

4. FIRST-AID MEASURES

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.
Skin contact	Take off immediately all contaminated clothing. Get medical attention if irritation develops and persists. Wash skin thoroughly with soap and water for several minutes.
Eye contact	Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists. Promptly wash eyes with plenty of water while lifting the eye lids.
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.



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Most important symptoms/effects, acute and delayed	Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Dusts may irritate the respiratory tract, skin and eyes.
Indication of immediate medical attention and special treatment needed	Not available.
General information	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.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Unsuitable extinguishing media Specific hazards arising from the chemical	Water spray, fog, CO2, dry chemical, or alcohol resistant foam. Do not use a solid water stream as it may scatter and spread fire. 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. Fire may produce irritating, corrosive and/or toxic gases.
Special protective equipment and precautions for firefighters	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.
Fire fighting equipment/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.
Specific methods	Use water spray to cool unopened containers.
General fire hazards	Static charges generated by emptying package in or near flammable vapor may cause flash fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and 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.
Methods and materials for containment and cleaning up	Sweep up and place in a clearly labeled container for chemical waste. Wash contaminated area with water. Collect and dispose of spillage as indicated in section 13 of the SDS. This material and its container must be disposed of as hazardous waste. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Use only non-sparking tools. Avoid the generation of dusts during clean-up.
	Never return spills in original containers for re-use.
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.



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7. HANDLING AND STORAGE

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.
Conditions for safe storage, including any incompatibilities	Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Store in a cool, well-ventilated area.
8. EXPOSURE CONTROLS	S/PERSONAL PROTECTION
Occupational exposure limits	This substance has no PEL, TLV, or other recommended exposure limit.
Biological limit values	No biological exposure limits noted for the ingredient(s).
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. Adequate ventilation should be provided so that exposure limits are not exceeded.
Individual protection measures, su Eye/face protection	ch as personal protective equipment Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Chemical resistant gloves.
Other	Wear suitable protective clothing.
Respiratory protection	Dust mask.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using, do not eat, drink or smoke. 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Refer to Spec Sheet
Physical state	Powder\Crystal.
Form	Powder. Crystalline powder.
Color	Refer to Spec Sheet
Odor	Characteristic.
Odor threshold	Not available.



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рН	Not available.
Melting point/freezing point	171.5 °F (77.5 °C)
Initial boiling point and boiling range	339.8 °F (171 °C) at 15 mmHg
Flash point	212.0 °F (100.0 °C) Closed Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosi	ive limits
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	0.01 mm Hg at 40 °C
Vapor density	5.8
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	1.58
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	1.05 g/cm3
Explosive properties	Not explosive.
Flammability class	Combustible IIIB estimated
Molecular formula	C9-H10-O3
Molecular weight	166.18 g/mol
Oxidizing properties	Not oxidizing.

10. STABILITY AND REACTIVITY

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Keep away from heat, sparks and open flame. Avoid temperatures exceeding the flash point. Contact with incompatible materials. Minimize dust generation and accumulation.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products if stored and handled as indicated.



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11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure			
Inhalation	Irritating to respiratory system.		
Skin contact	May be harmful in contact with skin. Causes mild skin irritation.		
Eye contact	Causes eye irritation. Causes mild eye irritation.		
Ingestion	Harmful if swallowed.		
Symptoms related to the physical, chemical and toxicological characteristics	Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort. Dusts may irritate the respiratory tract, skin and eyes.		

toxicological characteristics		
Information on toxicological effect	cts	
Acute toxicity	Harmful if swallowed. May be harm	nful in contact with skin.
Product	Species	Test Results
ETHYL VANILLIN (CAS 121-32-	4)	
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Skin corrosion/irritation	Prolonged skin contact may cause incomplete. Rabbit Not irritating to rabbits on cutaneou Method: OECD Test Guideline 404 Unpublished internal reports	••
Serious eye damage/eye irritation	Causes serious eye irritation. Rabbit Causes serious eye irritation. Method: OECD Test Guideline 405 Unpublished internal reports	j
Respiratory or skin sensitization Respiratory sensitization		lata the classification is not possible.
Skin sensitization	This product is not expected to cau Local lymph node assay - Mouse Does not cause skin sensitization. Method: OECD Test Guideline 429 Unpublished internal reports	



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Germ cell mutagenicity	Mutagenicity (Salmonella typhimurium - reverse mutation assay) with and without metabolic activation negative Method: OECD Test Guideline 471 Published data
	In vivo micronucleus test - Mouse male and female Intraperitoneal route Method: OECD Test Guideline 474 negative Published data In vivo micronucleus test - Mouse female Oral negative Gavage Unpublished internal reports Due to partial or complete lack of data the classification is not possible.
Carcinogenicity	Due to partial or complete lack of data the classification is not possible.
Not listed. OSHA Specifically Regula Not listed.	all Evaluation of Carcinogenicity ated Substances (29 CFR 1910.1001-1053) Program (NTP) Report on Carcinogens
Reproductive toxicity	Due to partial or complete lack of data the classification is not possible.
Specific target organ toxicity - single exposure	May cause respiratory irritation.
Specific target organ toxicity - repeated exposure	Due to partial or complete lack of data the classification is not possible.
Aspiration hazard	Due to partial or complete lack of data the classification is not possible.
Aspiration nazaro	Due to partial of complete lack of data the classification is not possible.



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12. ECOLOGICAL INFORMATION

12. ECOLOGICAL INFOR	MATION		
Ecotoxicity	By analog Pseudoki static test Method: 0 Unpublish Not harm By analog Pseudoki static test Method: 0 Unpublish	irchneriella subcapitata (microalgae) t OECD Test Guideline 201 hed internal reports iful to algae (EC/EL50 > 100 mg/L) gy irchneriella subcapitata (microalgae)	
Product		Species	Test Results
ETHYL VANILLIN (CAS 12	1-32-4)		
Other	IC50	Tetrahymena pyriformis	158.7, 40 hours
Aquatic			
Acute			
Fish	LC50	Fathead minnow (Pimephales	s promelas) >= 81.4 - <= 94.3 mg/l, 96 hours
Persistence and degradability	Method: (88 % - 14 The subs Biochemi	stance fulfills the criteria for ultimate a ical oxygen demand :: activated sludge	aerobic biodegradability and ready biodegradability
Bioaccumulative potential			
Partition coefficient n-octan 1.58	ol / water (log	Kow)	
Mobility in soil	Adsorptic Koc: 1230 Log Koc: Published	6 3.092	
Other adverse effects			ozone depletion, photochemical ozone creation ng potential) are expected from this component.
13. DISPOSAL CONSIDE	RATIONS		
Disposal instructions	into sewe used con	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.	
Local disposal regulations	Dispose i	in accordance with all applicable reg	ulations.
Hazardous waste code	Not estab	blished	

Hazardous waste code Not established.



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Waste from residues / unused products

Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging

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.

14. TRANSPORT INFORMATION

ADN

Not regulated as dangerous goods.

ADR

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

DOT

BULK

Not regulated as dangerous goods.

DOT

NON-BULK

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

15. REGULATORY INFORMATION

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.



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Classified hazard categories	Combustible dust Acute toxicity (any route of exposure) Serious eye damage or eye irritation Specific target organ toxicity (single or repeated exposure)	
SARA 313 (TRI reporting) Not regulated.		
Other federal regulations		
Clean Air Act (CAA) Sectio	on 112 Hazardous Air Pollutants (HAPs) List	
Not regulated.		
	on 112(r) Accidental Release Prevention (40 CFR 68.130)	
Not regulated.		
Safe Drinking Water Act (SDWA)	Not regulated.	
16. OTHER INFORMATIO	ON, INCLUDING DATE OF PREPARATION OR LAST	REVISION
Issue date	02-04-2022	
Revision date	02-04-2022	
Version #	06	
Further information	Refer to NFPA 654, Standard for the Prevention of Fire and I Manufacturing, Processing, and Handling of Combustible Par	
HMIS® ratings	Health: 2 Flammability: 1 Physical hazard: 0	
Disclaimer	Vigon International, LLC cannot anticipate all conditions under product, or the products of other manufacturers in combination the user's responsibility to ensure safe conditions for handling product, and to assume liability for loss, injury, damage or ex- information in the sheet was written based on the best knowled available. The above information relates only to this product a any other material or any particular process and is designed of handling, use, processing, storage, transportation, and dispose guarantee or quality specification. This product has not been or any vaping application where the product(s) is/are intention International, Inc. has performed no testing on these products	on with its product, may be used. It is g, storage and disposal of the pense due to improper use. The edge and experience currently and not to its use in combination with only as guidance for the safe sal and should not be considered as a evaluated for safe use in e-cigarettes nally vaporized and inhaled. Vigon

laws and regulations.

sole responsibility of the individual(s) purchasing this product to assess its' safety in the final application. The above information relates only to this product and not to its use in combination with any other material or any particular process and is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal, and should not be considered as a guarantee or guality specification. The above information is based on data provided by and collected from recognized sources such as distributors, manufacturers, and technical groups and is considered to be accurate to the best of Vigon's knowledge as of the date of this document. It is the responsibility of the user to review all safety information about this product and determine its safety and suitability in their own processes and operations. Appropriate warnings and safe handling procedures should be provided to all handlers and users, taking into account the intended use and the specific conditions and factors relating to such use in accordance with all applicable



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Revision information

Product and Company Identification: Alternate Trade Names HAZARD(S) IDENTIFICATION: Disposal HAZARD(S) IDENTIFICATION: Prevention Physical & Chemical Properties: Multiple Properties Toxicological Information: Toxicological Data





Vigon Code: 507237

FEMA #: 2464

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,

Allergen/Sensitive Agents Identification Sheet



Product Name: ETHYL VANILLIN

Vigon Code: 507237

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

Includes modified starch, hydrolyzed protein, sweeteners, sugars, spice carriers EGG & EGG PRODUCTS Iguid 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 SULFITES Includes sulfur dioxide, sodium dithionite, chemicals that lists sulfite, etc. TREE NUTS Includes almonds, beechnuts, bazil nuts, nutmeg, cashews, chestnuts, etc. WHEAT Includes almonds, beechnuts, bazil nuts, nutmeg, cashews, chestnuts, etc. WHEAT Includes Mydrolyzed wheat protein, flour, gluten flour, starches MUSTARD & MUSTARD OIL LUPIN	ALLERGEN/SENSITIVE AGENTS	*
EGG & EGG PRODUCTS liquid and powders FISH includes any and all species of fresh and salt water fish GARLIC Dehydrated, powdered, granules, and flakes GUTEN Wheat, rye, barley, oats, flour, etc. MILK & DAIRY PRODUCTS Includes whye, 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 MOLUSKS Clams, mussels, oysters, scallops, and products made from them SOY Includes sulfur dioxide, sodium dithionite, chemicals that lists sulfite, etc. TREE NUTS Includes almonds, beechnuts, bazil nuts, nutmeg, cashews, chestnuts, etc. WHEAT Includes almonds, beechnuts, bazil nuts, nutmeg, cashews, chestnuts, etc. WHEAT Includes almonds, beechnuts, bazil nuts, nutmeg, cashews, chestnuts, etc. WHEAT Includes almonds, beechnuts, bazil nuts, nutmeg, cashews, chestnuts, etc. WHEAT Includ	CORN & CORN PRODUCTS	
liquid and powders FISH Includes any and all species of fresh and salt water fish GARLIC Dehydrated, powdered, granules, and flakes GUTEN 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, bazil nuts, nutmeg, cashews, chestnuts, etc. WHEAT Includes hydrolyzed wheat protein, flour, gluten flour, starches MUSTARD & MUSTARD OIL LUPIN	Includes modified starch, hydrolyzed protein, sweeteners, sugars, spice carriers	
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 sulfur dioxide, sodium dithionite, chemicals that lists sulfite, etc. TREE NUTS Includes allrunds, beechnuts, bazil nuts, nutmeg, cashews, chestnuts, etc. WHEAT Includes hydrolyzed wheat protein, flour, gluten flour, starches MUSTARD & MUSTARD OIL LUPIN	EGG & EGG PRODUCTS	
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 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 sulfur dioxide, sodium dithionite, chemicals that lists sulfite, etc. TREE NUTS Includes almonds, beechnuts, bazil nuts, nutmeg, cashews, chestnuts, etc. WHEAT Includes hydrolyzed wheat protein, flour, gluten flour, starches MUSTARD & MUSTARD OIL LUPIN	liquid and powders	
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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 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 sulfur dioxide, sodium dithionite, chemicals that lists sulfite, etc. TREE NUTS Includes almonds, beechnuts, bazil nuts, nutmeg, cashews, chestnuts, etc. WHEAT Includes hydrolyzed wheat protein, flour, gluten flour, starches MUSTARD & MUSTARD OIL LUPIN	•••••••	
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	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: July 17, 2024

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



Vigon Code: 507237

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

Sincerely,

Ingredient Statement

Product Name: ETHYL VANILLIN

Vigon Code: 507237

CAS #: 121-32-4

100%

VIGON

azelis

Sincerely,



Vigon Code: 507237

Vigon International, LLC. declares that the product listed above has <u>not</u> 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 Code: 507237

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 Code: 507237

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 Code: 507237

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 Code: 507237

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 Code: 507237

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,

EU Declaration



Vigon Code: 507237 Product Name: ETHYL VANILLIN

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 Code: 507237

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 producted 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 Code: 507237

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 Code: 507237

• 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,

International Inventories



Vigon Code: 507237

Country(s) or region	Inventory name O	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 Chine (IECSC)	Yes	
Europe	European Inventory of Existing Commercial Chemical Substa (EINECS)	ances 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	

VIGON

azelis

Sincerely,

Residual Solvents



Product Name: ETHYL VANILLIN

Vigon Code: 507237

Based on our knowledge of the production process(es), raw materials and equipment used, there is the potential for the following residual solvent(s) in this product:

Ethyl Alcohol 0.0500 %

Sincerely,



Vigon Code: 507237

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,

Melamine Statement



Product Name: ETHYL VANILLIN

Vigon Code: 507237

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

Sincerely,

Phthalate Statement



Product Name: ETHYL VANILLIN

Vigon Code: 507237

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,