# Product Specification

**Product Name:** BENZYL ISOVALERATE

**Vigon Code:** 500555

**CAS Number:** 103-38-8

**FEMA Number:** 2152

| Characteristic: | Specification: | |
|---|---|---|
| Acid Value | 0.000 | 1.000 |
| Purity % | 98.00 | 100.00 |
| Gas Chromatograph | PASSES TEST | |
| Odor | FRUITY, HERBACEOUS, APPLE ODOR. | |
| Refractive Index (@20c) | 1.4860 | 1.4900 |
| Specific Gravity (@25c) | 0.9830 | 0.9890 |
| Color/appearance | COLORLESS LIQUID. | |

**Additional Product Information:**

**Flash Point:** >200 °F

**Shelf Life:** 36 Months

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

**Effective Date:** September 22, 2005

Printed Date: February 20, 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

# SAFETY DATA SHEET

# 500555 BENZYL ISOVALERATE



## 1. IDENTIFICATION

**Product Description:** BENZYL ISOVALERATE

**CAS #** 103-38-8

**FEMA Number** 2152

**Other means of identification**

**Vigon Item #** 500555

**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

Vigon International, Inc.
127 Airport Road
E. Stroudsburg, PA 18301
For information call: 570-476-6300
Web Site: www.vigon.com

24 Hour Emergency Response Information

INFOTRAC (ACCT# 78928);
1-800-535-5053 WITHIN THE U.S.A.
1-352-323-3500 OUTSIDE THE U.S.A.

**Manufacturer/Importer/Supplier/Distributor information**

**Manufacturer**

| | | |
|---|---|---|
| **Company name** | Vigon International, Inc. | |
| **Address** | 127 Airport Road<br>E. Stroudsburg, PA 18301<br>United States | |
| **Telephone** | For information call: | 570-476-6300 |
| **Website** | www.vigon.com | |
| **E-mail** | Not available. | |
| **Emergency phone number** | INFOTRAC<br>1-800-535-5053<br>1-352-323-3500 | (ACCT# 78928);<br>WITHIN THE U.S.A.<br>OUTSIDE THE U.S.A. |

## 2. HAZARD(S) IDENTIFICATION

**Physical hazards** Not classified.

**Health hazards** Not classified.

**Environmental hazards** Not classified.

**Label elements**

**Hazard symbol** None.

**Signal word** None.

**Hazard statement** The substance does not meet the criteria for classification.

**Precautionary statement**

**Prevention** Observe good industrial hygiene practices.

**Response** Wash hands after handling.

**Storage** Store away from incompatible materials.

| | |
|---|---|
| **Disposal** | Dispose of waste and residues in accordance with local authority requirements. |
| **Hazard(s) not otherwise classified (HNOC)** | None known. |
| **Supplemental information** | 100% of the substance consists of component(s) of unknown acute inhalation toxicity. 100% of the substance consists of component(s) of unknown acute hazards to the aquatic environment. 100% of the substance consists of component(s) of unknown long-term hazards to the aquatic environment. |

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substances**

| Chemical name | Common name and synonyms | CAS number | % |
|---|---|---|---|
| BENZYL ISOVALERATE | benzyl 3-methylbutanoate<br>benzyl isopentanoate<br>phenylmethyl 3-methylbutanoate | 103-38-8 | 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. |
| **Most important symptoms/effects, acute and delayed** | Direct contact with eyes may cause temporary irritation. |
| **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** | 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. |
| **Specific hazards arising from the chemical** | 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** | Collect and dispose of spillage as indicated in section 13 of the SDS.<br><br>Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps.<br><br>The product is immiscible with water and will spread on the water surface.<br><br>Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.<br><br>Never return spills in original containers for re-use. 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). Prevent product from entering drains.<br><br>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers.<br><br>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. |
| **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. |

## 7. HANDLING AND STORAGE

| | |
|---|---|
| **Precautions for safe handling** | Do not handle or store near an open flame, heat or other sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Avoid breathing vapor. 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/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. Adequate ventilation should be provided so that exposure limits are not exceeded. |

**Individual protection measures, such as personal protective equipment**

| | |
|---|---|
| **Eye/face protection** | Wear safety glasses with side shields (or goggles). |
| **Skin protection** | |
| **Hand protection** | Chemical resistant gloves. |
| **Other** | Wear suitable protective clothing. |
| **Respiratory protection** | Respiratory protection not required. If ventilation is insufficient, suitable respiratory protection must be provided. |
| **Thermal hazards** | Wear appropriate thermal protective clothing, when necessary. |
| **General hygiene considerations** | 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** | Liquid. |
| **Form** | Liquid. |
| **Color** | Refer to Spec Sheet |
| **Odor** | Characteristic. |
| **Odor threshold** | Not available. |
| **pH** | Not available. |
| **Melting point/freezing point** | Not available. |
| **Initial boiling point and boiling range** | 474.8 °F (246 °C) |
| **Flash point** | > 200.0 °F (> 93.3 °C) Closed Cup |
| **Evaporation rate** | Not available. |
| **Flammability (solid, gas)** | Not applicable. |
| **Upper/lower flammability or explosive limits** | |
| **Flammability limit - lower (%)** | Not available. |
| **Flammability limit - upper (%)** | Not available. |
| **Explosive limit - lower (%)** | Not available. |
| **Explosive limit - upper (%)** | Not available. |
| **Vapor pressure** | 0.02 mm Hg at 25 °C |
| **Vapor density** | 6.7 |
| **Relative density** | Not available. |
| **Solubility(ies)** | |
| **Solubility (water)** | Insoluble |
| **Partition coefficient (n-octanol/water)** | Not available. |
| **Auto-ignition temperature** | Not available. |

| | |
|---|---|
| **Decomposition temperature** | Not available. |
| **Viscosity** | Not available. |
| **Other information** | |
| **Explosive properties** | Not explosive. |
| **Flammability class** | Combustible IIIB estimated |
| **Molecular formula** | C12H16O2 |
| **Molecular weight** | 192.26 g/mol<br>192.26 g/mol |
| **Oxidizing properties** | Not oxidizing. |
| **Specific gravity** | 0.99 at 25 °C |

## 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** | Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| **Incompatible materials** | Strong oxidizing agents. |
| **Hazardous decomposition products** | No hazardous decomposition products if stored and handled as indicated. |

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

| | |
|---|---|
| **Inhalation** | Knowledge about health hazard is incomplete. |
| **Skin contact** | Causes mild skin irritation. |
| **Eye contact** | Knowledge about health hazard is incomplete. Causes mild eye irritation. |
| **Ingestion** | Expected to be a low ingestion hazard. |
| **Symptoms related to the physical, chemical and toxicological characteristics** | Direct contact with eyes may cause temporary irritation. |

**Information on toxicological effects**

**Acute toxicity** Not known.

| Product | Species | Test Results |
|---|---|---|
| BENZYL ISOVALERATE (CAS 103-38-8) | | |
| **Presumed Non-Toxic** | | |
| *Dermal* | | |
| LD50 | Rabbit | >= 5000 mg/kg |
| *Oral* | | |
| LD50 | Rat | >= 5000 mg/kg |

**Skin corrosion/irritation** Due to partial or complete lack of data the classification is not possible.

| | |
|---|---|
| **Serious eye damage/eye irritation** | Due to partial or complete lack of data the classification is not possible. |
| **Respiratory or skin sensitization** | |
| **Respiratory sensitization** | Due to partial or complete lack of data the classification is not possible. |
| **Skin sensitization** | Due to partial or complete lack of data the classification is not possible. |
| **Germ cell mutagenicity** | 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. |

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Not listed.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

**US. National Toxicology Program (NTP) Report on Carcinogens**

Not listed.

| | |
|---|---|
| **Reproductive toxicity** | Due to partial or complete lack of data the classification is not possible. |
| **Specific target organ toxicity - single exposure** | Due to partial or complete lack of data the classification is not possible. |
| **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. |

## 12. ECOLOGICAL INFORMATION

| | |
|---|---|
| **Ecotoxicity** | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| **Persistence and degradability** | No data is available on the degradability of this product. |
| **Bioaccumulative potential** | No data available. |
| **Mobility in soil** | No data available. |
| **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. |

## 13. DISPOSAL CONSIDERATIONS

| | |
|---|---|
| **Disposal instructions** | 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 in accordance with all applicable regulations. |
| **Hazardous waste code** | Not established. |
| **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**

**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.

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

| | |
|---|---|
| **Safe Drinking Water Act (SDWA)** | Not regulated. |

## 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

| | |
|---|---|
| **Issue date** | 12-01-2015 |
| **Revision date** | 10-08-2019 |
| **Version #** | 02 |
| **HMIS® ratings** | Health: 1<br>Flammability: 1<br>Physical hazard: 0 |
| **Disclaimer** | Vigon International, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. 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, and disposal and should not be considered as a guarantee or quality specification. This product has not been evaluated for safe use in e-cigarettes or any vaping application where the product(s) is/are intentionally vaporized and inhaled. Vigon International, Inc. has performed no testing on these products in e-cig/vaping applications. It is the 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 quality 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 laws and regulations. |
| **Revision information** | This document has undergone significant changes and should be reviewed in its entirety. |

בס"ד

KOF-K
Kosher Supervision

# Kosher Certificate

Date: February 19, 2024
י' בְּאֲדָר א' תשפ"ד
Kof-K ID: K-0000507
Certificate ID: D2A9W-RP26I
Product Count: 1

This certificate is valid through

**12/31/2024**

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

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

| Product Code | Product Name | Status | Restriction | UKD# |
|---|---|---|---|---|
| 500555 | BENZYL ISOVALERATE | Parve | Kof-K symbol required | KFHGUU5JB4X |

**Rabbi Avram Ossey**
***Rabbinic Administrator***

To verify or for the most up to date certificate please go to www.koshercertificate.com
201 The Plaza, Teaneck, NJ 07666 | Phone 201.837.0500 | fax 201.837.0126

iKosher

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: **November 21, 2023**

Document #: **6718.12506.II233109**

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. | BENZYL ISOVALERATE | 500555 | A30469 | HC-23VIV998 |

Muhammad Munir Chaudry, Ph.D.
President

THE ISLAMIC FOOD AND NUTRITION COUNCIL OF AMERICA INCORPORATED ILLINOIS 1982

This Certificate is valid until **January 31, 2025** and subject to renewal at that time.

WORLD HALAL FOOD COUNCIL WHFC MEMBER



WWW.IFANCA.ORG • IFANCA Head Office • 2004 Miner Street • Des Plaines, Illinois 60016 USA • Tel: (847) 993-0034 • Fax: (847) 993-0038

D220135401ICL1E

# Food Grade Certification

**Product Name: BENZYL ISOVALERATE**

**Vigon Code: 500555**

**FEMA #: 2152**

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: February 20, 2024

# Allergen/Sensitive Agents Identification Sheet

**Product Name: BENZYL ISOVALERATE**

**Vigon Code: 500555**

* 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**<br>Includes modified starch, hydrolyzed protein,sweeteners,sugars, spice carriers | |
| **EGG & EGG PRODUCTS**<br>liquid and powders | |
| **FISH**<br>Includes any and all species of fresh and salt water fish | |
| **GARLIC**<br>Dehydrated, powdered, granules, and flakes | |
| **GLUTEN**<br>Wheat, rye, barley, oats, flour, etc. | |
| **MILK & DAIRY PRODUCTS**<br>Includes whey, lactose, cheese, casein, spice carriers, milk, cream, etc. | |
| **MONOSODIUM GLUTAMATE** | |
| **PEANUTS, PEANUT OIL & PEANUT DERIVED ITEMS**<br>Peanut meal, flour & ground nuts, szechwan sauce, mandelona nuts, etc. | |
| **SESAME SEEDS & SESAME OIL** | |
| **CRUSTACEANS**<br>Shrimp, lobster, rock lobster, crab, crayfish, and products made from them | |
| **MOLLUSKS**<br>Clams, mussels, oysters, scallops, and products made from them | |
| **SOY**<br>Includes soya powder, protein, oil, lecithin, tofu | |
| **SULFITES**<br>Includes sulfur dioxide, sodium dithionite, chemicals that lists sulfite, etc. | |
| **TREE NUTS**<br>Includes almonds, beechnuts, bazil nuts, nutmeg, cashews, chestnuts, etc. | |
| **WHEAT**<br>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: February 20, 2024

# GMO Status Statement

**Product Name: BENZYL ISOVALERATE**

**Vigon Code: 500555**

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: February 20, 2024

# Ingredient Statement

**Product Name: BENZYL ISOVALERATE**

**Vigon Code: 500555**

| | | |
|---|---|---|
| **CAS #: 103-38-8** | **benzyl 3-methylbutanoate** | **100%** |

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com
Date of Issue: February 20, 2024

# Nutritional Statement

**Product Name: BENZYL ISOVALERATE**

**Vigon Code: 500555**

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: February 20, 2024

# Irradiation and Sewage Sludge Statement

**Product Name: BENZYL ISOVALERATE**

**Vigon Code: 500555**

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: February 20, 2024

# Heavy Metals and Pesticide Statement

**Product Name:** **BENZYL ISOVALERATE**

**Vigon Code:** **500555**

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: February 20, 2024

# Stabilizer Statement

**Product Name: BENZYL ISOVALERATE**

**Vigon Code: 500555**

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: February 20, 2024

# Continuing Product Guarantee

**Product Name: BENZYL ISOVALERATE**

**Vigon Code: 500555**

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: February 20, 2024

# Dietary Preferences & Restrictions

**Product Name: BENZYL ISOVALERATE**

**Vigon Code: 500555**

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

| | |
|---|---|
| **Vegans**<br>Do not eat meat, poultry, fish/seafood,eggs,dairy products, honey | ✔ |
| **Lacto-Vegetarians**<br>Do not eat meat, poultry, fish/seafood, eggs, but do eat dairy products | ✔ |
| **Ovo-Vegetarians**<br>Do not eat meat, poultry, fish/seafood, dairy products, but do eat eggs | ✔ |
| **Vegetarians**<br>Do not eat meat, poultry, fish/seafood, but do eat dairy products and eggs | ✔ |

Sincerely,

Vigon Regulatory Department
regulatory@vigon.com
Date of Issue: February 20, 2024

# Animal Testing Statement

**Product Name: BENZYL ISOVALERATE**

**Vigon Code: 500555**

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: February 20, 2024

# Proposition 65 Statement

**Product Name: BENZYL ISOVALERATE**

**Vigon Code: 500555**

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: February 20, 2024

# EU Declaration

**Vigon Code:** 500555
**Product Name:** BENZYL ISOVALERATE

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: February 20, 2024

# Nanomaterials

**Product Name:** **BENZYL ISOVALERATE**

**Vigon Code: 500555**

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 Regulatory Department
regulatory@vigon.com
Date of Issue: February 20, 2024

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

**Product Name:** **BENZYL ISOVALERATE**

**Vigon Code:** **500555**

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: February 20, 2024

# IFRA

**Product Name:** **BENZYL ISOVALERATE**

**Vigon Code: 500555**

- Is not restricted as such according to the Standards of the International Fragrance Association (IFRA) (up to and including the 51th 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: February 20, 2024

# International Inventories

**Product Name:** **BENZYL ISOVALERATE**

**Vigon Code: 500555**

| 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 Chine (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: February 20, 2024

# Residual Solvents

**Product Name:** **BENZYL ISOVALERATE**

**Vigon Code: 500555**

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: February 20, 2024

# EU Fragrance Allergen Statement

**Product Name:** **BENZYL ISOVALERATE**

**Vigon Code: 500555**

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: February 20, 2024

# Melamine Statement

**Product Name: BENZYL ISOVALERATE**

**Vigon Code: 500555**

**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: February 20, 2024

# Phthalate Statement

**Product Name:** **BENZYL ISOVALERATE**

**Vigon Code:** **500555**

**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: February 20, 2024

Vigon International, LLC.
127 Airport Road
East Stroudsburg, PA 18301-9629 USA
+1.570.476.6300 | sales@vigon.com

# BENZYL ISOVALERATE

**Code: 500555** **ID #: EXAMPLE**

| | | |
|---|---|---|
| Country of Origin: | INDIA | |
| Chemical Name: | BENZYL ISOVALERATE | |
| CAS#: | 103-38-8 | |
| Flash Point: | > 200ºF (93ºC) | |
| Allergens: | NONE | |
| Liters: | 0.000 | |

| | KG | LB |
|---|---|---|
| Approx. Gross: | 0.000 | 0.000 |
| Approx. Tare: | 0.000 | 0.000 |
| **Net:** | **0.000** | **0.000** |

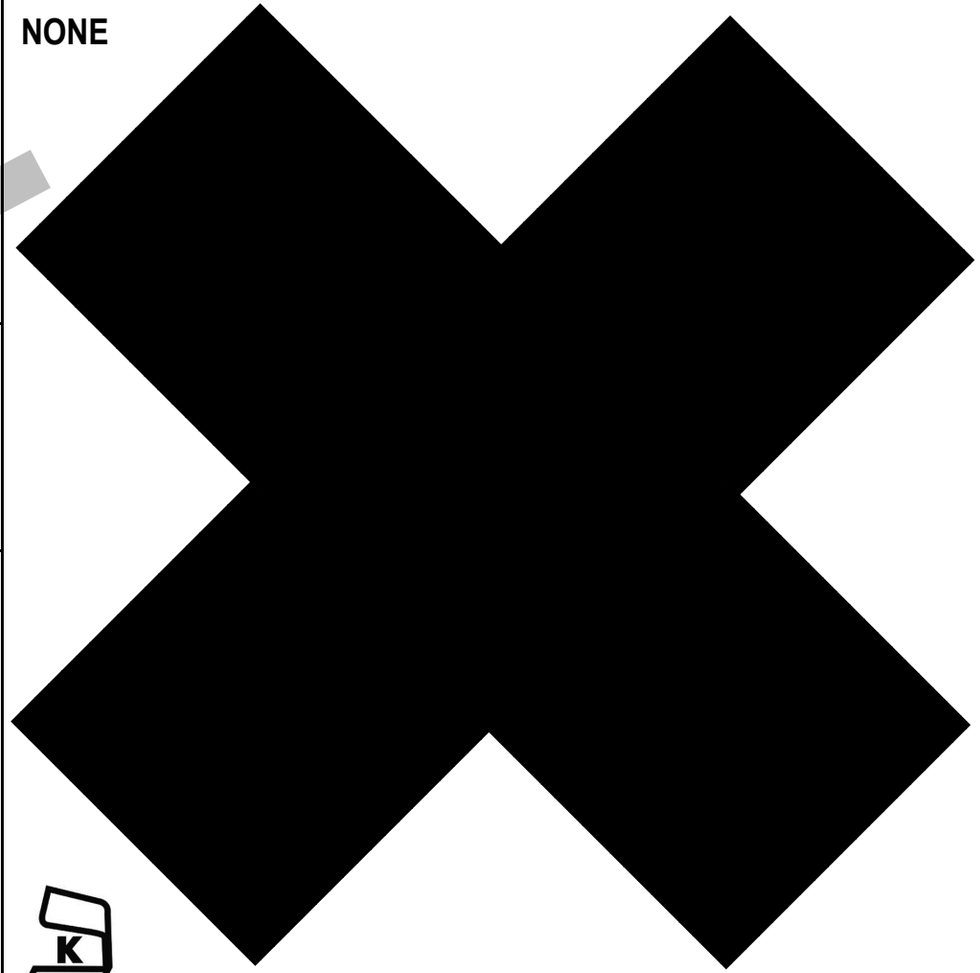
| | |
|---|---|
| Produced on: | N/A |
| Best used before: | N/A |
| **Lot #:** | **EXAMPLE** |

STORAGE CONDITIONS: Stable when stored in its original package, tightly sealed in a cool (46-90ºF) and dry location out of direct heat and light.

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 Vigon's Safety Data Sheet (SDS).

HAZARD STATEMENT: The substance does not meet the criteria for classification.PRECAUTIONARY STATEMENT: -PREVENTION- Observe good industrial hygiene practices.-RESPONSE- Wash hands after handling.-STORAGE- Store away from incompatible materials.-DISPOSAL- Dispose of waste and residues in accordance with local authority requirements.

**NONE**



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**PPE: B**

EXAMPLE