# **Product Specification**



Product Name: FLORHYDRAL®

Vigon Code: 501126

CAS Number: 125109-85-5

FEMA Number: N/A

## Characteristic:

| Acid Value              |
|-------------------------|
| Purity %                |
| Gas Chromatograph       |
| Odor                    |
| Refractive Index (@20c) |
| Specific Gravity (@25c) |
| Color/appearance        |

 Specification:

 0.000
 5.000

 98.00
 100.00

 PASSES TEST
 POWERFUL, GREEN, FLORAL ODOR.

 1.5030
 1.5070

 0.9470
 0.9520

 COLORLESS TO PALE YELLOW LIQUID.

## Additional Product Information:

Flash Point: 154 °F

Shelf Life: 12 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: November 15, 2023

Printed Date: November 16, 2023



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### **1. IDENTIFICATION**

| Product Description:                          | FLORHYDRAL®  |
|---|--|
| CAS #   | 125109-85-5  |
| Other means of identification<br>Vigon Item # | 501126   |
| Recommended use                               | Concentrated aromatic ingredient which may be used fragrance compounds according to legal and IFRA guidelines. |
| Recommended restrictions                      | For Manufacturing Use Only   |
| <u>Company</u>                                | 24 Hour Emergency Response Information   |
| Vigon International, Inc.                     | INFOTRAC (ACCT# 78928);  |
| 127 Airport Road                              | 1-800-535-5053 WITHIN THE U.S.A.   |
| E. Stroudsburg, PA 18301                      | 1-352-323-3500 OUTSIDE THE U.S.A.  |
| For information call: 570-476-6300            |  |
| Web Site: www.vigon.com                       |  |

## 2. HAZARD(S) IDENTIFICATION

| Physical hazards      | Flammable liquids   | Category 4 |
|-----------------------|---|------------|
| Health hazards        | Acute toxicity, oral                                      | Category 5 |
|                       | Acute toxicity, dermal                                    | Category 5 |
| Environmental hazards | Hazardous to the aquatic environment, acute hazard        | Category 2 |
|                       | Hazardous to the aquatic environment,<br>long-term hazard | Category 2 |

Label elements

Signal word



Warning

| Hazard statement        |  |
|-------------------------|--|
| H227                    | Combustible liquid.  |
| H303 + H313             | May be harmful if swallowed or in contact with skin.             |
| H401                    | Toxic to aquatic life.   |
| H411                    | Toxic to aquatic life with long lasting effects.                 |
| Precautionary statement |  |
| Prevention              |  |
| P210                    | Keep away from heat/sparks/open flames/hot surfaces. No smoking. |
| P273                    | Avoid release to the environment.                                |
| P280                    | Wear protective gloves/eye protection/face protection.           |
| Response                |  |
| P312                    | Call a POISON CENTER/doctor if you feel unwell.                  |



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|                           |                        |
|                           |                        |

| P370 + P378                                  | In case of fire: Use appropriate media to extinguish.   |
|--|---|
| P391   | Collect spillage.   |
| Storage                                      |   |
| P403 + P235                                  | Store in a well-ventilated place. Keep cool.  |
| Disposal                                     |   |
| P501   | Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Hazard(s) not otherwise<br>classified (HNOC) | After prolonged contact with highly porous materials, this product may spontaneously combust.       |
| Supplemental information                     | None.   |

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substances

| Chemical name          | Common name and synonyms  | CAS number  | %   |
|------------------------|---|-------------|-----|
| ISOPROPYLPHENYLBUTANAL | 3-(3- propan-2-ylphenyl)butanal<br>BENZENEPROPANAL,BETA-METHYL-3-(1-<br>METHYLETHYL)<br>BETA-METHYL-3-(1-METHYLETHYL)-BEN<br>ZENEPROPANAL | 125109-85-5 | 100 |

#### 4. FIRST-AID MEASURES

| Inhalation   | If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.<br>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<br>symptoms/effects, acute and<br>delayed                     | Direct contact with eyes may cause temporary irritation.  |
| Indication of immediate medical<br>attention and special treatment<br>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, CO2, 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. Porous material such as rags, paper, insulation, or organic clay may spontaneously combust when wetted with this material. |



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| Special protective equipment<br>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<br>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

| Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Eliminate all sources of ignition. Avoid contact with skin or inhalation of spillage, dust or vapor.  |
|--|
| Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps.   |
| The product is immiscible with water and will spread on the water surface.   |
| 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. Prevent product from entering drains. Do not allow material to contaminate ground water system. Absorb in vermiculite, dry sand or earth and place into containers. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. |
| Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.   |
| Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste. Collect and dispose of spillage as indicated in section 13 of the SDS.  |
| Prevent further leakage or spillage if safe to do so. Do not contaminate water. Retain and dispose of contaminated wash water. Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment.   |
|  |

| Precautions for safe handling | Do not handle or store near an open flame, heat or other sources of ignition. Porous material such as rags, paper, insulation, or organic clay may spontaneously combust when wetted with this material. May auto-oxidize with sufficient heat generation to ignite if spread (as a thin film) or absorbed on porous or fibrous material. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Contaminated rags and cloths must be put in fireproof containers for disposal. Avoid breathing vapor. Avoid contact with eves, |
|-------------------------------|--|
|                               | must be put in fireproof containers for disposal. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling.  |
|                               | skin, and olothing. A told prolonged expective. Wash theredying after handling.  |



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Conditions for safe storage,<br/>including any incompatibilitiesDo not store in direct sunlight. Keep container closed. Handle containers with care. Open slowly in<br/>order to control possible pressure release. Store in a cool, well-ventilated area. Keep under a<br/>nitrogen blanket.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| Occupational exposure limits                              | No exposure limits noted for ingredient(s).   |  |
|---|---|--|
| 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.  |  |
| Individual protection measures, su<br>Eye/face protection | u <b>ch as personal protective equipment</b><br>Wear safety glasses with side shields (or goggles).   |  |
| Skin protection<br>Hand protection                        | Chemical resistant gloves.  |  |
| Other   | Not available.  |  |
| 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                            | 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. |  |

### 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.                  |  |
| рН                                      | Not available.                  |  |
| Melting point/freezing point            | Not available.                  |  |
| Initial boiling point and boiling range | 483.8 - 485.6 °F (251 - 252 °C) |  |
| Flash point                             | 154.0 °F (67.8 °C) Closed Cup   |  |
| Evaporation rate                        | Not available.                  |  |
| Flammability (solid, gas)               | Not available.                  |  |
| Upper/lower flammability or explos      | ive limits                      |  |
| Flammability limit - lower<br>(%)       | Not available.                  |  |
| Flammability limit - upper<br>(%)       | Not available.                  |  |
| Explosive limit - lower (%)             | Not available.                  |  |
| Explosive limit - upper (%)             | Not available.                  |  |



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| Vapor pressure                             | 0.02 mm Hg at 25 °C        |
|--|----------------------------|
| Vapor density                              | 6.6                        |
| Relative density                           | Not available.             |
| Solubility(ies)                            |                            |
| Solubility (water)                         | Insoluble                  |
| Partition coefficient<br>(n-octanol/water) | Not available.             |
| Auto-ignition temperature                  | Not available.             |
| Decomposition temperature                  | Not available.             |
| Viscosity                                  | Not available.             |
| Other information                          |                            |
| Flammability class                         | Combustible IIIA estimated |
| Molecular formula                          | C13H18O                    |
| Molecular weight                           | 190.29 g/mol               |
| Specific gravity                           | 0.95 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                 | Porous material such as rags, paper, insulation, or organic clay may spontaneously combust when wetted with this material. |  |
| Incompatible materials              | Strong oxidizing agents.   |  |
| Hazardous decomposition<br>products | No hazardous decomposition products if stored and handled as indicated.  |  |

## **11. TOXICOLOGICAL INFORMATION**

#### Information on likely routes of exposure

| Inhalation   | No adverse effects due to inhalation are expected.                |
|--|---|
| Skin contact   | May be harmful in contact with skin. Causes mild skin irritation. |
| Eye contact  | Causes mild eye irritation.                                       |
| Ingestion  | May be harmful if swallowed.                                      |
| Symptoms related to the<br>physical, chemical and<br>toxicological characteristics | Direct contact with eyes may cause temporary irritation.          |
| Information on toxicological effects   |   |
| Acute toxicity   | May be harmful if swallowed. May be harmful in contact with skin. |



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| Product                              | Species   | Test Results                                    |  |  |
|--------------------------------------|---|---|--|--|
| ISOPROPYLPHENYLBUTANAL               | . (CAS 125109-85-5)   |   |  |  |
| Acute                                |   |   |  |  |
| Dermal                               |   |   |  |  |
| LD50                                 | Rabbit  | > 2000 mg/kg Method: OECD Test<br>Guideline 402 |  |  |
| Oral                                 |   |   |  |  |
| LD50                                 | Rat> 2000 mg/kg Method: OECD TestGuideline 401  |   |  |  |
| * Estimates for product may          | be based on additional component data not show  | wn.   |  |  |
| Skin corrosion/irritation            | Skin irritation : Species: rabbit<br>Very slightly irritating<br>Method: OECD Test Guideline 404  |   |  |  |
| Serious eye damage/eye<br>irritation | Eye irritation : Species: rabbit<br>No eye irritation<br>Method: OECD Test Guideline 405  |   |  |  |
| Respiratory or skin sensitization    |   |   |  |  |
| Respiratory sensitization            | Not available.  |   |  |  |
| Skin sensitization                   | Sensitization : HRIPT Human<br>Result: Not sensitizing<br>at 5 % in Dimethyl phthalate<br>Maximization Test guinea pig<br>Result: Not sensitizing<br>Method: OECD Test Guideline 406<br>Skin sensitization guinea pig<br>Result: Not sensitizing<br>Method: OECD Test Guideline 406 |   |  |  |
|                                      | Phototoxicity : Phototoxicity guinea pig<br>Result:negative   |   |  |  |
| Germ cell mutagenicity               | Genotoxicity in vitro : Ames test<br>negative<br>Method: Mutagenicity (Escherichia coli - reve  | erse mutation assay)                            |  |  |
|                                      | Chromosome aberration test in vitro<br>negative<br>Method: Mutagenicity (in vitro mammalian cy  | togenetic test)                                 |  |  |
|                                      | Ames test   |   |  |  |
|                                      | negative<br>Method: Mutagenicity (Salmonella typhimuriu   | ım - reverse mutation assay)                    |  |  |
|                                      | Genotoxicity in vivo : Micronucleus test Spec<br>negative   | ies: mouse                                      |  |  |
| Carcinogenicity                      |   |   |  |  |



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#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

| Not listed.   |   |
|---|---|
| Reproductive toxicity                                 | This product is not expected to cause reproductive or developmental effects.                |
| Specific target organ toxicity -<br>single exposure   | Not classified.   |
| Specific target organ toxicity -<br>repeated exposure | Species: rat, male and female<br>NOAEL: 60 mg/kg<br>Repeated dose (28 days) toxicity (oral) |
| Aspiration hazard                                     | Not available.  |

### **12. ECOLOGICAL INFORMATION**

| Ecotoxicity Toxic to aquatic life with long lasting effects. Accumulation in aquat |                | ulation in aquatic organisms is expected.         |                      |
|--|----------------|---|----------------------|
| Product  |                | Species   | Test Results         |
| ISOPROPYLPHENYLBU  | TANAL (CAS 12  | 25109-85-5)                                       |                      |
| Aquatic  |                |   |                      |
| Algae  | ErC50          | Green algae (Desmodesmus<br>subspicatus)          | 11 mg/l, 72 hours    |
| Crustacea  | EC50           | Water flea (Daphnia magna)                        | 7.7 mg/l, 48 hours   |
| Fish   | LC50           | Salmo gairdneri (new name<br>Oncorhynchus mykiss) | 1.082 mg/l, 96 hours |
| * Estimates for product m  | ay be based on | additional component data not shown.              |                      |
| ersistence and degradability   | Biodegrad      | dability : Result: Readily biodegradable.         |                      |

|                                   | 74 %  |
|-----------------------------------|---|
|                                   | Method: OECD Test Guideline 301 F   |
| Result: Inherently biodegradable. |   |
|                                   | 100 %   |
|                                   | Method: OECD Test Guideline 302 C   |
| 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<br>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).   |



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Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

#### **14. TRANSPORT INFORMATION**

#### ADN

| ADN                        |   |
|----------------------------|---|
| UN number                  | 3082  |
| UN proper shipping name    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(ISOPROPYLPHENYLBUTANAL) |
| Transport hazard class(es) | 9   |
| Subsidiary class(es)       | -   |
| Packing group              | III   |
| Environmental hazards      | Yes   |
| Labels required            | 9   |
| ADR                        |   |
| UN number                  | 3082  |
| UN proper shipping name    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.                             |
| bbbb33                     | (ISOPROPYLPHENYLBUTANAL)  |
| Transport hazard class(es) | 9   |
| Subsidiary class(es)       | -   |
| Packing group              | III   |
| Environmental hazards      | Yes   |
| Labels required            | 9   |
| RID                        |   |
| UN number                  | 3082  |
| UN proper shipping name    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(ISOPROPYLPHENYLBUTANAL) |
| Transport hazard class(es) | 9   |
| Subsidiary class(es)       | -   |
| Packing group              | III   |
| Environmental hazards      | Yes   |
| Labels required            | 9   |
| DOT                        |   |
| BULK                       |   |
| UN number                  | NA1993  |
| Proper shipping name       | COMBUSTIBLE LIQUID, N.O.S. (ISOPROPYLPHENYLBUTANAL)                             |
| Hazard class               | Combustible liq   |
| Packing group              | III   |
| Environmental hazards      |   |
| Marine pollutant           | Yes   |
| Packaging exceptions       | 150   |
| Packaging bulk             | 242   |
| Labels required            | 3   |
| DOT                        |   |
| NON-BUI K                  |   |

NON-BULK

Not regulated as dangerous goods.



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#### IATA

Not regulated as dangerous goods.

#### IMDG

| UN number                   | 3082  |
|-----------------------------|---|
| UN proper shipping name     | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(ISOPROPYLPHENYLBUTANAL) |
| Transport hazard class(es)  | 9   |
| Subsidiary class(es)        | -   |
| Packing group               | III   |
| Environmental hazards       |   |
| Marine pollutant            | Yes   |
| Labels required             | 9   |
| Transport in bulk according | Not applicable.   |
| to Annex II of MARPOL       |   |
| 73/78 and the IBC Code      |   |

ADN; ADR; IMDG; RID





Marine pollutant





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| 15. REGULATORY INFOR                       | RMATION  |
|--|--|
| US federal regulations                     | This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. |
| CERCLA Hazardous Subst                     | ance List (40 CFR 302.4)   |
| Not listed.                                |  |
| US. OSHA Specifically Reg                  | ulated Substances (29 CFR 1910.1001-1050)  |
| Not listed.                                |  |
| SARA 304 Emergency relea                   | ase notification   |
| Not regulated.                             |  |
|  | ed Substances (29 CFR 1910.1001-1050)  |
| Not listed.                                | Notification (40 CFR 707, Subpt. D)  |
| Not regulated.                             |  |
| Superfund Amendments and Re                | eauthorization Act of 1986 (SARA)  |
| Hazard categories                          | Immediate Hazard - No  |
|  | Delayed Hazard - No<br>Fire Hazard - Yes   |
|  | Pressure Hazard - No   |
|  | Reactivity Hazard - No   |
| SARA 302 Extremely hazar<br>Not listed.    | rdous substance  |
| SARA 311/312 Hazardous<br>chemical         | Yes  |
| SARA 313 (TRI reporting)<br>Not regulated. |  |
| Other federal regulations                  |  |
| -  | n 112 Hazardous Air Pollutants (HAPs) List   |
| Not regulated.                             |  |
| -  | n 112(r) Accidental Release Prevention (40 CFR 68.130)   |
| Not regulated.                             |  |
| Safe Drinking Water Act<br>(SDWA)          | Not regulated.   |
| US state regulations                       |  |
| US. Massachusetts RTK - S                  | Substance List   |
| Not regulated.                             |  |
| US. New Jersey Worker an                   | d Community Right-to-Know Act  |
| Not listed.                                |  |
| -  | nd Community Right-to-Know Law   |
| Not listed.                                |  |
| US. Rhode Island RTK                       |  |
| Not regulated.                             |  |
| US. California Proposition 6               | 5  |



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#### US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

#### International Inventories

| Country(s) or region        | Inventory name O  | n inventory (yes/no)* |
|-----------------------------|---|-----------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                        | Yes                   |
| Canada                      | Domestic Substances List (DSL)  | No                    |
| Canada                      | Non-Domestic Substances List (NDSL)                                       | Yes                   |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)                | Yes                   |
| Europe                      | European Inventory of Existing Commercial Chemical<br>Substances (EINECS) | Yes                   |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                    | Yes                   |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)                  | No                    |
| 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 Control Act (TSCA) Inventory                             | Yes                   |
|                             |   |                       |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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

| Issue date    | 11-29-2015   |
|---------------|--|
| Revision date | 08-01-2015   |
| Version #     | 01   |
| HMIS® ratings | Health: 1<br>Flammability: 2<br>Physical hazard: 0   |
| Disclaimer    | 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, 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. |



Product Name: FLORHYDRAL®

Vigon Code: 501126

FEMA #: N/A

Vigon International, LLC. certifies that the above ingredient is **<u>not</u>** food grade.

Vigon International, LCC. 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,

# **Allergen/Sensitive Agents Identification Sheet**



### Product Name: FLORHYDRAL®

#### Vigon Code: 501126

\* 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                                       | 1 |
| 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  |   |
| 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: November 16, 2023

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



### Product Name: FLORHYDRAL®

### Vigon Code: 501126

| Country(s) or region        | Inventory name Or   | On inventory (yes/no)* |  |
|-----------------------------|---|------------------------|--|
|                             |   |                        |  |
| Australia                   | Australian Inventory of Chemical Substances (AICS)                    | Yes                    |  |
| Canada                      | Domestic Substances List (DSL)  | No                     |  |
| China                       | Inventory of Existing Chemical Substances in Chine (IECSC)            | Yes                    |  |
| Europe                      | European Inventory of Existing Commercial Chemical Substated (EINECS) | ances Yes              |  |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)              | No                     |  |
| 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,

## **Residual Solvents**



### Product Name: FLORHYDRAL®

### Vigon Code: 501126

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

Sincerely,



### Product Name: FLORHYDRAL®

### Vigon Code: 501126

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: FLORHYDRAL®

Vigon Code: 501126

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: FLORHYDRAL®

Vigon Code: 501126

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,

| <b>IGON</b> 127 Ai<br>East S  |                             | Chemical Name: <sup>ISC</sup><br>CAS#:<br>Flash Point: | SWITZERLAND<br>DPROPYLPHENYLBUTANAL<br>125109-85-5<br>154°F (68°C)<br>NONE | N |
|---|-----------------------------|--|--|---|
| Code: 501126 ID #: E  | XAMPLE                      | Allergens:<br>Liters:                                  | 0.000  |   |
| Approx. Gross:  | <b>KG LE</b><br>0.000 0.000 |  | N/A  |   |
| Approx. Tare:   | 0.000 0.000                 | Best used before:                                      | N/A  |   |
| Net:  | 0.000 0.00                  | Lot #:   | EXAMPLE  |   |
| STORAGE CONDITIONS: Stable when stored in its original p<br>a cool (46-90°F) and dry location out of direct heat and light.<br>INSTRUCTIONS FOR USE: Ask your employer for guidance r<br>on the information provided in Vigon's Safety Data Sheet (SDS<br>H A Z A R D S T A T E M E N T : C<br>with skin. Toxic to aquatic life. Toxic to |                             |  |  |   |

With skin. Toxic to aquatic life. Toxic to aquatic life with long lasting effects. P R E C A U I T O N A R Y S T A T E M E N T : -PREVENTION- Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid release to the environment. Wear protective gloves/eye protection/face protection.-RESPONSE- Call a POISON CENTER/doctor if you feel unwell. In case of fire: Use appropriate media to extinguish. Collect spillage.-STORAGE- Store in a well-ventilated place. Keep cool.-DISPOSAL- Dispose of contents/container in accordance with local/regional/national/international regulations.

PPE: B

Warning

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