

SAFETY DATA SHEET**503190 ORRIS GIVCO 204/2/20**Revision Date: 11-05-2021
Version # 02Page 1 of 13
Print Date: 11-05-2021**1. IDENTIFICATION**

Product Description: ORRIS GIVCO 204/2/20
CAS # MIXTURE

Other means of identification
Vigon Item # 503190

Recommended use Concentrated aromatic ingredient which may be used fragrance compounds according to legal and IFRA guidelines.

Recommended restrictions For Manufacturing Use Only

Company

Vigon International, LLC
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, LLC
Address 127 Airport Road
E. Stroudsburg, PA 18301
United States

Telephone For information call: 570-476-6300
Website www.vigon.com
E-mail regulatory@vigon.com

Emergency phone number INFOTRAC (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 Sensitization, skin Category 1

Environmental hazards Hazardous to the aquatic environment, long-term hazard Category 2

Label elements

Signal word Warning

Hazard statement May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects.

SAFETY DATA SHEET

503190 ORRIS GIVCO 204/2/20

Revision Date: 11-05-2021

Page 2 of 13

Version # 02

Print Date: 11-05-2021

Precautionary statement

Prevention

Avoid breathing mist/vapors. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves.

Response

If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Collect spillage.

Storage

Store away from incompatible materials.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information

97.75% of the mixture consists of component(s) of unknown acute inhalation toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical name	Common name and synonyms	CAS number	%
IONONE BETA	beta-cyclocitrylidene acetone (E)-4-(2,6,6-trimethyl-1-cyclohexenyl)but-3-en-2-one 4-(2,6,6-Trimethylcyclohex-1-ene-1-yl)-but-3-ene-2-one 3-Buten-2-one, 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-BETA-IONONE	14901-07-6	50 - < 70
DIHYDRO IONONE BETA	2-Butanone, 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-DIHYDRO-BETA-IONONE 4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)butan-2-one	17283-81-7	25 - < 30
METHYL CEDRYL KETONE	(R)-9- acetyl cedr-8-ene (R)-1-(cedr-8-en-9-yl) ethanone	32388-55-9	1 - < 10
3-TERT-BUTYLCYCLOHEXYL ACETATE	3-(1,1- dimethyl ethyl) cyclohexanol acetate	31846-06-7	1 - < 5
CEDRENE ALPHA	laevo-alpha- cedrene 1H-3a,7- methanoazulene, 2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-, (3R,3aS,7S,8aS)-	469-61-4	1 - < 2.5
1H-3A,7- METHANOAZULEN-6-OL, OCTAHYDRO-3,6,8,8-TETRAMETHYL-, (3R,3AS,6R,7R,8AS)-	(3R-(3alpha,3abeta,6alpha,7beta,8aalpha))-octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-6-ol Cedrol	77-53-2	0.25< 1
2,4-DIMETHYL-2-(1,1,4,4 - TETRAMETHYLTETRALIN-6-YL) 1,3-DIOXOLANE (TRANS & CIS ISOMERS)	1,3-Dioxolane,2,4-dimethyl-2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-	131812-67-4	0.25< 1

SAFETY DATA SHEET

503190 ORRIS GIVCO 204/2/20

Revision Date: 11-05-2021

Page 3 of 13

Version # 02

Print Date: 11-05-2021

Chemical name	Common name and synonyms	CAS number	%
PINENE ALPHA	dextro,laevo-pin-2(3)-ene 2,6,6 - trimethyl bicyclo-3,1,1-2-heptene 4,7,7- trimethylbicyclo[3.1.1]hept-3-ene	80-56-8	0.1 < 1
Other components below reportable levels			< 1

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	May cause an allergic skin reaction. Dermatitis. Rash.
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	Keep unnecessary personnel away. Eliminate all sources of ignition. Avoid contact with skin or inhalation of spillage, dust or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them.
--	---



SAFETY DATA SHEET

503190 ORRIS GIVCO 204/2/20

Revision Date: 11-05-2021
Version # 02

Page 4 of 13
Print Date: 11-05-2021

Methods and materials for containment and cleaning up

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.

Large Spills: Dike the spilled material, where this is possible. Collect and dispose of spillage as indicated in section 13 of the SDS.

Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains.

Small Spills: Clean surface thoroughly to remove residual contamination. Wipe up with absorbent material (e.g. cloth, fleece).

Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste. Stop the flow of material, if this is without risk. Cover with plastic sheet to prevent spreading.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid release to the environment. Retain and dispose of contaminated wash water. Contact local authorities in case of spillage to drain/aquatic environment.

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

US. ACGIH Threshold Limit Values

Components	Type	Value
PINENE ALPHA (CAS 80-56-8)	TWA	20 ppm

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, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles). Face shield is recommended.

Skin protection

Hand protection

Chemical resistant gloves.

Other

Use of an impervious apron is recommended.

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.

SAFETY DATA SHEET

503190 ORRIS GIVCO 204/2/20

Revision Date: 11-05-2021

Page 5 of 13

Version # 02

Print Date: 11-05-2021

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. Contaminated work clothing should not be allowed out of the workplace.

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	Not available.
Flash point	212.0 °F (100.0 °C) Closed Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	0.02 hPa at 20 °C Calculated (99.9 %)
Vapor density	Not available.
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	
Density	938.97 kg/m ³ at 20°C
Explosive properties	Not explosive.
Flammability class	Combustible IIIB estimated
Molecular formula	Not applicable
Oxidizing properties	Not oxidizing.
Specific gravity	0.94 at 25 °C

SAFETY DATA SHEET

503190 ORRIS GIVCO 204/2/20

Revision Date: 11-05-2021

Page 6 of 13

Version # 02

Print Date: 11-05-2021

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	Alkaline metals. Peroxides.
Hazardous decomposition products	No hazardous decomposition products if stored and handled as indicated.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	Causes mild skin irritation. May cause an allergic skin reaction.
Eye contact	Causes mild eye irritation.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

Acute toxicity Not known.

Components	Species	Test Results
1H-3A,7- METHANOAZULEN-6-OL, OCTAHYDRO-3,6,8,8-TETRA METHYL-, (3R,3AS,6R,7R,8AS)- (CAS 77-53-2)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 5000 mg/kg
2,4-DIMETHYL-2-(1,1,4,4 - TETRAMETHYLTETRALIN-6-YL) 1,3-DIOXOLANE (TRANS & CIS ISOMERS) (CAS 131812-67-4)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg OECD Test Guideline 401
<i>Oral</i>		
LD50	Rat	> 2000 mg/kg
DIHYDRO IONONE BETA (CAS 17283-81-7)		
Presumed Non-Toxic		
<i>Oral</i>		
LD50	Rat	>= 5000 mg/kg

SAFETY DATA SHEET

503190 ORRIS GIVCO 204/2/20

Revision Date: 11-05-2021

Page 7 of 13

Version # 02

Print Date: 11-05-2021

Components	Species	Test Results
IONONE BETA (CAS 14901-07-6)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.
<i>Oral</i>		
LD50	Rat	> 4000 mg/kg
PINENE ALPHA (CAS 80-56-8)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 5000 mg/kg

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation May cause skin irritation in susceptible persons.
Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

ACGIH sensitization

TURPENTINE AND SELECTED MONOTERPENES (CAS 80-56-8) Dermal sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization May cause an allergic skin reaction.
Causes sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity

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 This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not an aspiration hazard.

SAFETY DATA SHEET

503190 ORRIS GIVCO 204/2/20

Revision Date: 11-05-2021

Page 8 of 13

Version # 02

Print Date: 11-05-2021

Chronic effects Prolonged inhalation may be harmful.

12. ECOLOGICAL INFORMATION

Ecotoxicity Toxic to aquatic life with long lasting effects.

Components		Species	Test Results
2,4-DIMETHYL-2-(1,1,4,4 - TETRAMETHYLTETRALIN-6-YL) 1,3-DIOXOLANE (TRANS & CIS ISOMERS) (CAS 131812-67-4)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Green algae (Desmodesmus subspicatus)	> 100 mg/l, 72 hours OECD Test Guideline 201
Crustacea	EC50	Water flea (Daphnia magna)	> 1.23 mg/l, 48 hours OECD Test Guideline 202
Fish	LC50	Oncorhynchus mykiss	0.98, 96 hours OECD Test Guideline 203
CEDRENE ALPHA (CAS 469-61-4)			
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Water flea (Daphnia pulex)	0.044, 48 hours
IONONE BETA (CAS 14901-07-6)			
Other	EC50	Activated sludge of a predominantly domestic sewage	1000, 0.5 hours DIN EN ISO 8192-OECD 209-88/302/EEC,P C aerobic
Aquatic			
Algae	EC50	Green algae (Chlamydomonas variabilis)	22.15, 72 hours DIN 38412 Part 9 static The detail of the toxic effect relate to the nominal concentration. The product has low solubility in the test medium. An aqueous solution prepared with solubilizers has been tested.
Crustacea	EC50	Daphnia magna	4.03, 48 hours OECD Giudeline 202, part 1 static The detail of the toxic effect relate to the nominal concentration. The product has low solubility in the test medium. An aqueous solution prepared with solubilizers has been tested.
Fish	LC50	Pimephales promelas	5.09, 96 hours EPA 72-1 Flow through The detail of the toxic effect relate to the nominal concentration. The product has low solubility in the test medium. An aqueous solution prepared with solubilizers has been tested.

SAFETY DATA SHEET

503190 ORRIS GIVCO 204/2/20

Revision Date: 11-05-2021

Page 9 of 13

Version # 02

Print Date: 11-05-2021

Components	Species	Test Results
PINENE ALPHA (CAS 80-56-8)		
Aquatic		
Crustacea	LC50	Daphnia magna 41, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) 0.28, 96 hours

* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

PINENE ALPHA 4.83

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	
UN number	3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (IONONE BETA, DIHYDRO IONONE BETA)
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. (IONONE BETA, DIHYDRO IONONE BETA)
Transport hazard class(es)	9
Subsidiary class(es)	-

SAFETY DATA SHEET

503190 ORRIS GIVCO 204/2/20

Revision Date: 11-05-2021

Page 10 of 13

Version # 02

Print Date: 11-05-2021

Packing group III
Environmental hazards Yes
Labels required 9

RID

UN number 3082
UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (IONONE BETA, DIHYDRO IONONE BETA)
Transport hazard class(es) 9
Subsidiary class(es) -
Packing Group III
Environmental Hazards Yes
Labels required 9
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

DOT

BULK

UN number 3082
Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (IONONE BETA, DIHYDRO IONONE BETA)
Hazard class 9
Packing group III
Environmental hazards
 Marine pollutant Yes
Packaging exceptions 155
Packaging bulk 241
Labels required 9

DOT

NON-BULK

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

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

SAFETY DATA SHEET

503190 ORRIS GIVCO 204/2/20

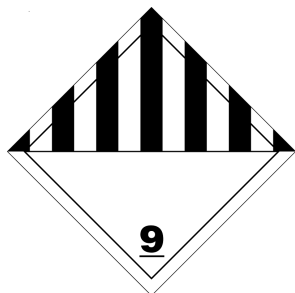
Revision Date: 11-05-2021

Page 11 of 13

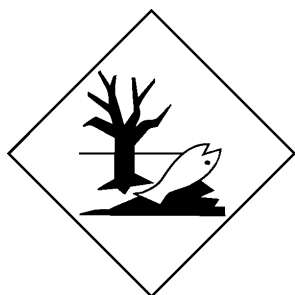
Version # 02

Print Date: 11-05-2021

ADN; ADR; DOT BULK; IMDG; RID



Marine pollutant



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.

SARA 311/312 Hazardous chemical

Yes

Classified hazard categories

Respiratory or skin sensitization

SARA 313 (TRI reporting)

Not regulated.



SAFETY DATA SHEET

503190 ORRIS GIVCO 204/2/20

Revision Date: 11-05-2021

Page 12 of 13

Version # 02

Print Date: 11-05-2021

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 11-05-2021
Revision date 11-05-2021
Version # 02
HMIS® ratings Health: 2
Flammability: 1
Physical hazard: 0

List of abbreviations

ACGIH: American Conference of Governmental Industrial Hygienists.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
AICIS: Australian Inventory of Industrial Chemicals.
CAS: Chemical Abstract Service.
IARC: International Agency for Research on Cancer.
IATA: International Air Transport Association.
IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.
IMDG: International Maritime Dangerous Goods.
MARPOL: International Convention for the Prevention of Pollution from Ships.
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.
STEL: Short term exposure limit.
TWA: Time Weighted Average.



SAFETY DATA SHEET

503190 ORRIS GIVCO 204/2/20

Revision Date: 11-05-2021

Page 13 of 13

Version # 02

Print Date: 11-05-2021

Disclaimer

Vigon International, LLC 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.