

Safety Data Sheet

According to Feder Register | Vol. 77, No. 58 | Monday, March 26, 2012 | Rules & Regulations Issue Date: 7/26/2019 | Revision Date: 8/29/2023 | Supersedes: 9/16/2020

Version: 2.1

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Product Name Rustic Escentuals™ Applejack & Peel* (KY) Fragrance Oil

Product Form Mixture

1.2 RECOMMENDED USE AND RESTRICTIONS ON USE

No additional information available

1.3 NAME, ADDRESS, AND TELEPHONE OF THE RESPONSIBLE PARTY

Supplier Details IndiMade Brands, LLC DBA Wholesale Supplies Plus

7820 E Pleasant Valley Road Independence, OH 44131

(800) 359-0944

www.WholesaleSuppliesPlus.com

1.4 EMERGENCY TELEPHONE NUMBER

Emergency Telephone (800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands

+1 813 248-0585 International

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Classification (GHS-US)

Flammable liquids, Category 4 H227 Combustible liquid
Skin corrosion/irritation, Category 2 H315 Causes skin irritation
Serious eye damage/eye irritation, H318 Causes serious eye irritation

Category 1

Skin sensitization, Category 1 H317 May cause an allergic reaction Carcinogenicity, Category 2 H351 Suspected of causing cancer

2.2 GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

Hazard pictograms (GHS US)



Signal word (GHS US) Danger

Hazard statements (GHS US)

H227 - Combustible liquid
H315 - Causes skin irritation

H317 - May cause an allergic skin reaction H318 - Causes serious eye damage H351 - Suspected of causing cancer

Precautionary statements (GHS US) P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

 $\ensuremath{\mathsf{P210}}$ - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

 ${\tt P261-Avoid\ breathing\ dust/fume/gas/mist/vapors/spray}.$

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

P272 - Contaminated work clothing must not be allowed out of the workplace. P280 - Wear protective gloves/protective clothing/eye protection/face protection.

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

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P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P308+P313 - If exposed or concerned: Get medical advice/attention.

P310 - Immediately call a poison center or doctor.

P321 - Specific treatment (see supplemental first aid instruction on this label).

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

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

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

P363 - Wash contaminated clothing before reuse.

P370+P378 - In case of fire: Use media other than water to extinguish.

P403+P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance

with local, regional, national and/or international regulation.

2.3 OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION

No additional information available

2.4 UNKNOWN ACUTE TOXICITY (GHS US)

Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCE

Not applicable

3.2 MIXTURE

Name	CAS No.	%	GHS US classification
Eugenol	97-53-0	10 - 30	Eye Irrit. 2, H319
			Skin Sens. 1B, H317
			Flam. Liq. 3, H226
Limonene	5989-27-5	10 - 30	Skin Irrit. 2, H315 Skin Sens. 1, H317
			Asp. Tox. 1, H304
			Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315
Cinnamal	104-55-2	5 - 10	Eye Irrit. 2, H319
			Skin Sens. 1A, H317
			Acute Tox. 3 (Oral), H301
Coumarin	91-64-5	1 - 5	Skin Sens. 1B, H317
			Flam. Liq. 4, H227
Diethyl Malonate	105-53-3	1 - 5	Eye Irrit. 2, H319
			Skin Corr. 1B, H314
Phenyl Propyl Alcohol	122-97-4	1 - 5	Eye Dam. 1, H318
			Flam. Liq. 4, H227
Fructone	6413-10-1	1 - 5	Skin Corr. 1C, H314
Tractoric			Eye Dam. 1, H318
			Acute Tox. 4 (Oral), H302
			Acute Tox. 3 (Dermal), H311
Phenyl Ethyl Alcohol	60-12-8	1 - 5	Acute Tox. 4 (Inhalation:dust,mist),
1 Hony Early 7 Gonor	00 12 0	. 0	H332
			Eye Irrit. 2, H319
			Flam. Lig. 3, H226
			Skin Irrit. 2, H315
Myrcene	123-35-3	< 0.5	Eye Irrit. 2, H319
			Carc. 2, H351
			Asp. Tox. 1, H304

SECTION 4: FIRST AID MEASURES

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4.1 DESCRIPTION OF FIRST AID MEASURES

General IF exposed or concerned: Get medical advice/attention.

Inhalation Remove person to fresh air and keep comfortable for breathing.

Skin contact Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get

medical advice/attention.

Eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. Call a physician immediately.

Ingestion Call a poison center/doctor/physician if you feel unwell.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECT (ACUTE AND DELAYED)

Symptoms/effects after skin contact

Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact Serious damage to eyes.

4.3 IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT, IF NECESSARY

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Suitable Extinguishing Media Water spray. Dry powder. Foam. Carbon dioxide.

5.2 SPECIAL HAZARDS ARISING FROM THE CHEMICAL

Fire hazard Combustible liquid.

5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

Protection during firefighting Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

6.1.1 FOR NON-EMERGENCY PERSONNEL

Emergency procedures Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and

eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

6.1.2 FOR EMERGENCY RESPONDERS

Protective equipment Do not attempt to take action without suitable protective equipment. For further information refer to

section 8: "Exposure controls/personal protection".

6.2 ENVIRONMENTAL PRECAUTIONS

Avoid release to the environment.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Methods for cleaning up Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public

waters.

Other information Dispose of materials or solid residues at an authorized site.

6.4 REFERENCE TO OTHER SECTIONS

For further information refer to section 13.

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SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Precautions for safe handling Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames

and other ignition sources. No smoking. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

Hygiene measures Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of

the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling

the product.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage conditions Store in a well-ventilated place. Keep cool. Store locked up.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS1

Fructone (6413-10-1)

Not applicable

Myrcene (123-35-3)

Not applicable

Cinnamic Aldehyde (104-55-2)

Not applicable

Eugenol (97-53-0)

Not applicable

Coumarin (91-64-5)

Not applicable

Diethyl Malonate (105-53-3)

Not applicable

Phenyl Ethyl Alcohol (60-12-8)

Not applicable

Phenyl Propyl Alcohol (122-97-4)

Not applicable

D-Limonene (5989-27-5)

Not applicable

8.2 APPROPRIATE ENGINEERING CONTROLS

Appropriate engineering controls Ensure good ventilation of the work station.

Environmental exposure controls Avoid release to the environment.

8.3 INDIVIDUAL PROTECTION MEASURES/PERSONAL PROTECTIVE EQUIPMENT

Hand protection Protective gloves
Eye protection Safety glasses

Skin and body protection Wear suitable protective clothing

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment

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Personal protective equipment equipment symbol(s)







SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state Liquid

Color Mixture contains one or more component(s) which have the following colour(s):

light yellow White Colourless to light yellow Colourless Light yellow to colourless On exposure to air: yellow-brown White to light yellow On exposure to light: discolours On exposure to air: yellow Light yellow White to off-white Colourless to white On exposure to light: turns yellow On exposure to air:

turns yellow

Odor There may be no odour warning properties, odour is subjective and inadequate to warn of

overexposure.

No data available

Mixture contains one or more component(s) which have the following odour:

Mild odour Pleasant odour Aromatic odour Lemon odour Almond odour Strong odour Floral odour

Fruity odour Characteristic odour Pine odour

Odor threshold No data available рΗ No data available Melting point No data available Freezing point No data available No data available Boiling point Flash point ≈ 63.8 °C Relative evaporation rate (butyl acetate=1) No data available Flammability Not applicable Vapor pressure No data available Relative vapor density at 20°C No data available Relative density No data available No data available Solubility Partition coefficient n-octanol/water (Log Pow) No data available Auto-ignition temperature No data available Decomposition temperature No data available No data available Viscosity, kinematic Viscosity, dynamic No data available No data available **Explosion limits** Explosive properties No data available

9.2 OTHER INFORMATION

No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

Oxidizing properties

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

10.2 CHEMICAL STABILITY

Stable under normal conditions.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reactions known under normal conditions of use.

10.4 CONDITIONS TO AVOID

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5 INCOMPATIBLE MATERIALS

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No additional information available

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON LIKELY ROUTES OF EXPOSURE

Acute toxicity (oral) Not classified Acute toxicity (dermal) Not classified Not classified Acute toxicity (inhalation)

$\Lambda\Lambda$	rcana	(123-35-3)	
	vi cerie i	ユムカーカカーカル	

LD50 oral rat > 11390 mg/kg body weight Animal: rat

> 5000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal LD50 dermal rabbit

Toxicity)

Cinnamic Aldehyde (104-55-2)

ATE US (oral) 2200 mg/kg body weight ATE US (dermal) 1100 mg/kg body weight

Eugenol (97-53-0)

ATE US (oral) 2500 mg/kg body weight

Coumarin (91-64-5)

LD50 oral rat 293 mg/kg body weight (Rat, Male / female, Experimental value, Oral)

ATE US (oral) 293 mg/kg body weight

Diethyl Malonate (105-53-3)

LD50 oral rat 15794 mg/kg (Rat, Oral)

LD50 dermal rat > 16960 mg/kg (Rabbit, Dermal)

ATE US (oral) 15794 mg/kg body weight

Phenyl Ethyl Alcohol (60-12-8)

LD50 oral rat > 1790 mg/kg (Rat, Oral)

LD50 dermal rat > 808 mg/kg (Rabbit, Dermal)

LC50 Inhalation - Rat > 1.4 mg/l (4 h, Rat, Inhalation)

ATE US (oral) 1610 mg/kg body weight

ATE US (dermal) 300 mg/kg body weight

ATE US (dust, mist) 1.5 mg/l/4h

Phenyl Propyl Alcohol (122-97-4)

ATE US (oral) 2275 mg/kg body weight

ATE US (dermal) 5000 mg/kg body weight

D-Limonene (5989-27-5)

> 2000 mg/kg body weight (OECD 423: Acute Oral Toxicity - Acute Toxic Class Method, Rat, LD50 oral rat

Female, Read-across, Oral)

> 5000 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Weight of evidence, LD50 dermal rabbit

Dermal)

Causes skin irritation. Skin corrosion/irritation Serious eye damage/irritation Causes serious eye irritation. Respiratory or skin sensitization May cause an allergic skin reaction. Germ cell mutagenicity

Not classified

Carcinogenicity Suspected of causing cancer.

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Myrcene (123-35-3)	
IARC group	2B - Possibly carcinogenic to humans
Eugenol (97-53-0)	
IARC group	3 - Not classifiable
Coumarin (91-64-5)	
IARC group	3 - Not classifiable
D-Limonene (5989-27-5)	
NOAEL (oral,rat,90 days)	3 - Not classifiable
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Fructone (6413-10-1)	
IARC group	1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Myrcene (123-35-3)	
LOAEL (oral,rat,90 days)	250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
NOAEL (subchronic,oral,animal/male,90 days)	500 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
NOAEL (subchronic,oral,animal/female,90 days)	250 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
Aspiration hazard	Not classified
Viscosity, kinematic	No data available
Symptoms/effects after inhalation	Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	Serious damage to eyes.
Symptoms/effects after eye contact	Serious damage to eyes.

12.1 TOXICITY

Ecology - general The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in

Ecology - general	the environment.	
Fructone (6413-10-1)		
LC50 - Fish [1]	> 100 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)	
Myrcene (123-35-3)		
EC50 - Crustacea [1]	0.45 mg/l	
Coumarin (91-64-5)		
LC50 - Fish [1]	2.94 mg/l (96 h, Pisces, QSAR)	
EC50 - Crustacea [1]	24.3 – 36.9 mg/l (48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)	
Diethyl Malonate (105-53-3)		
LC50 - Fish [1]	11.8 mg/l (96 h, Pimephales promelas)	
EC50 - Crustacea [1]	202.3 mg/l (48 h, Daphnia magna, Static system)	
Phenyl Ethyl Alcohol (60-12-8)		
LC50 - Fish [1]	220 – 260 mg/l (96 h, Leuciscus idus)	
EC50 - Crustacea [1]	287.17 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna)	
D-Limonene (5989-27-5)		
LC50 - Fish [1]	720 μg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)	
EC50 - Crustacea [1]	0.36 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)	

system, Fresh water, Experimental value, GLP)

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12.2 PERSISTENCE AND DEGRADABILITY

Coumarin (91-64-5)		
Persistence and degradability	Readily biodegradable in water.	
Diethyl Malonate (105-53-3)		
Persistence and degradability	Readily biodegradable in water.	
Phenyl Ethyl Alcohol (60-12-8)		
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.	
Biochemical oxygen demand (BOD)	1.45 g O ₂ /g substance	
Chemical oxygen demand (COD)	2.5 g O ₂ /g substance	
ThOD	2.6 g O₂/g substance	
BOD (% of ThOD)	0.558	
D-Limonene (5989-27-5)		
Persistence and degradability	Readily biodegradable in water.	
ThOD	3.29 g O ₂ /g substance	

12.3 BIOACCUMULATIVE POTENTIAL

Coumarin (91-64-5)		
	4.00 (004P, 05.00)	
Partition coefficient n-octanol/water (Log Pow)	1.39 (QSAR, 25 °C)	
Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).		
Diethyl Malonate (105-53-3)		
Partition coefficient n-octanol/water (Log Pow)	0.96	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
Phenyl Ethyl Alcohol (60-12-8)		
Partition coefficient n-octanol/water (Log Pow)	1.38 (Experimental value)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
D-Limonene (5989-27-5)		
BCF - Fish [1]	864.8 – 1022 (Pisces, QSAR, Fresh weight)	
Partition coefficient n-octanol/water (Log Pow)	4.38 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 37 °C)	
Bioaccumulative potential	Potential for bioaccumulation (4 ≥ Log Kow ≤ 5).	

12.4 MOBILITY IN SOIL

Coumarin (91-64-5)		
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.63 (log Koc, QSAR)	
Ecology - soil	Highly mobile in soil.	
Diethyl Malonate (105-53-3)		
Ecology - soil	May be harmful to plant growth, blooming and fruit formation.	
D-Limonene (5989-27-5)		
Ecology - soil	Adsorbs into the soil.	

12.5 OTHER ADVERSE EFFECTS

No additional information available.

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13.1 WASTE TREATMENT METHODS

Waste treatment methods

Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: TRANSPORT INFORMATION

14.1 DEPARTMENT OF TRANSPORTATION (DOT)

Transport document description (DOT)

UN-No.(DOT)

Proper Shipping Name (DOT)

Class (DOT)

Packing group (DOT) Hazard labels (DOT)

DOT Packaging Non Bulk (49 CFR 173.xxx) DOT Packaging Bulk (49 CFR 173.xxx)

DOT Symbols

DOT Special Provisions (49 CFR 172.102)

UN3082 Environmentally hazardous substances, liquid, n.o.s. (d-Limonene; VERDOX), 9, III

Environmentally hazardous substances, liquid, n.o.s.

d-Limonene; VERDOX

9 - Class 9 - Miscellaneous hazardous material 49 CFR 173.140

III - Minor Danger

9 - Class 9 (Miscellaneous dangerous materials)



G - Identifies PSN requiring a technical name

8 - A hazardous substance that is not a hazardous waste may be shipped under the shipping description "Other regulated substances, liquid or solid, n.o.s.", as appropriate. In addition, for solid materials, special provision B54 applies.

146 - This description may be used for a material that poses a hazard to the environment but does not meet the definition for a hazardous waste or a hazardous substance, as defined in 171.8 of this subchapter, or any hazard class as defined in Part 173 of this subchapter, if it is designated as environmentally hazardous by the Competent Authority of the country of origin, transit or destination. 173 - An appropriate generic entry may be used for this material.

335 - Mixtures of solids that are not subject to this subchapter and environmentally hazardous liquids or solids may be classified as "Environmentally hazardous substances, solid, n.o.s," UN3077 and may be transported under this entry, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Each transport unit must be leak-proof when used as bulk packaging.

IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672). T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx) DOT Quantity Limitations Passenger aircraft/rail

(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49

CFR 175.75)

DOT Vessel Stowage Location

Emergency Response Guide (ERG) Number

Other information

155 No limit

No limit

A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

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No supplementary information available.

14.2 TRANSPORTATION OF DANGEROUS GOODS

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Not applicable

14.3 TRANSPORT BY SEA

Transport document description (IMDG) UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d-Limonene;

VERDOX), 9, III, MARINE POLLUTANT

UN-No. (IMDG) 3082

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Class (IMDG) 9 - Miscellaneous dangerous substances and articles

Packing group (IMDG) III - substances presenting low danger

Limited quantities (IMDG) 5 L

14.4 AIR TRANSPORT

Proper Shipping Name (IMDG)

Transport document description (IATA) UN 3082 Environmentally hazardous substance, liquid, n.o.s. (d-Limonene; VERDOX), 9, III

UN-No. (IATA)

Proper Shipping Name (IATA)

Environmentally hazardous substance, liquid, n.o.s.

Class (IATA)

9 - Miscellaneous Dangerous Substances and Articles

Packing group (IATA) III - Low danger

SECTION 15: REGULATORY INFORMATION

15.1 US FEDERAL REGULATIONS

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

Name	CAS No.	%
Eugenol	97-53-0	10 - 30
Limonene	5989-27-5	10 - 30
Cinnamal	104-55-2	5 - 10
Coumarin	91-64-5	1 - 5
Diethyl Malonate	105-53-3	1 - 5
Phenyl Propyl Alcohol	122-97-4	1 - 5
Fructone	6413-10-1	1 - 5
Phenyl Ethyl Alcohol	60-12-8	1 - 5
Myrcene	123-35-3	< 0.5

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

15.2 INTERNATIONAL REGULATIONS

15.2.1 CANADA

Fructone (6413-10-1)

Listed on the Canadian DSL (Domestic Substances List)

Myrcene (123-35-3)

Listed on the Canadian DSL (Domestic Substances List)

Cinnamic Aldehyde (104-55-2)

Listed on the Canadian DSL (Domestic Substances List)

Eugenol (97-53-0)

Listed on the Canadian DSL (Domestic Substances List)

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Coumarin (91-64-5)

Listed on the Canadian DSL (Domestic Substances List)

Diethyl Malonate (105-53-3)

Listed on the Canadian DSL (Domestic Substances List)

Phenyl Ethyl Alcohol (60-12-8)

Listed on the Canadian DSL (Domestic Substances List)

Phenyl Propyl Alcohol (122-97-4)

Listed on the Canadian DSL (Domestic Substances List)

D-Limonene (5989-27-5)

Listed on the Canadian DSL (Domestic Substances List)

15.2.2 EU REGULATIONS

No additional information available.

15.2.3 NATIONAL REGULATIONS

Fructone (6413-10-1)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

Myrcene (123-35-3)

Listed on IARC (International Agency for Research on Cancer)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Cinnamic Aldehyde (104-55-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

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Eugenol (97-53-0)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

Coumarin (91-64-5)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

Diethyl Malonate (105-53-3)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

Phenyl Ethyl Alcohol (60-12-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Phenyl Propyl Alcohol (122-97-4)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

Damascenone (23696-85-7)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

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D-Limonene (5989-27-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on the Australian HSIS Consolidated List

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

SECTION 16: OTHER INFORMATION

Revision Date 8/29/2023

Full text of H-phrases:	
H226	Flammable liquid and vapor
H227	Combustible liquid
H301	Toxic if swallowed
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H351	Suspected of causing cancer

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