

Safety Data Sheet

Rustic

Escentuals

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 11/22/2019 | Revision date: 08/29/2023 | Supersedes: 03/24/2021

Version: 1.2

LSCCI ICUAIS Issue d	•	
SECTION 1: Identific	ation	
1.1. Identification		
Product form		: Mixture
Product name		: RUSTIC ESCENTUALS [™] CRANBERRY SALSA FRAGRANCE OIL
CAS-No.		: MIXTURE
1.2. Recommended	use and restriction	ons on use
No additional information a	vailable	
1.3. Supplier		
IndiMade Brands, LLC DBA 7820 E Pleasant Valley Roa Independence, OH 44131 (800) 359-0944 www.WholesaleSuppliesPlu	ad	es Plus
1.4. Emergency tele	phone number	
Emergency number		: (800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands +1 813 248-0585 International
SECTION 2: Hazard	s) identification	on
2.1. Classification o	f the substance o	r mixture
GHS US classification		
Flammable liquids	H227	Combustible liquid
Category 4 Skin corrosion/irritation	H315	Causes skin irritation
Category 2	H315	
Skin sensitization, Category 1	H317	May cause an allergic skin reaction
Reproductive toxicity Category 2	H361	Suspected of damaging fertility or the unborn child
Full text of H statements : s	see section 16	
2.2. GHS Label elem	ents, including p	recautionary statements
GHS US labeling		
Hazard pictograms (GHS U	JS)	
Signal word (GHS US)		: Warning
Hazard statements (GHS L	JS)	: H227 - Combustible liquid
		H315 - Causes skin irritation H317 - May cause an allergic skin reaction
		H317 - May cause an allergic skin reaction H361 - Suspected of damaging fertility or the unborn child
Precautionary statements (GHS US)	 P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No
		 P210 - Reception Real, not suffaces, spanta, oper names and other ignition sources. No smoking. 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. P308+P313 - If exposed or concerned: Get medical advice/attention. 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.

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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. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
BENZYL BENZOATE	(CAS-No.) 120-51-4	30 – 70	Acute Tox. 4 (Oral), H302
LINALOOL	(CAS-No.) 78-70-6	5 – 10	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
LIMONENE	(CAS-No.) 5989-27-5	5 – 10	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304
BUTYLPHENYL METHYLPROPIONAL	(CAS-No.) 80-54-6	1 – 5	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Repr. 2, H361
PENTADECALACTONE	(CAS-No.) 106-02-5	1 – 5	Skin Sens. 1B, H317
-e hyl-3-hydroxypyran-4-one	(CAS-No.) 4940-11-8	1 – 5	Acute Tox. 4 (Oral), H302
LINALYL ACETATE	(CAS-No.) 115-95-7	1 – 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
HELIONAL	(CAS-No.) 1205-17-0	0.5 – 1	Skin Sens. 1B, H317 Repr. 2, H361
CITRAL	(CAS-No.) 5392-40-5	< 0.5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures		
4.1. Description of first aid measures		
First-aid measures general	: IF exposed or concerned: Get medical advice/attention.	
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.	
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs Get medical advice/attention.	'S:
First-aid measures after eye contact	: Rinse eyes with water as a precaution.	
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.	
4.2. Most important symptoms and effect	cts (acute and delayed)	
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.	
4.3. Immediate medical attention and special treatment, if necessary		
Treat symptomatically.		
SECTION 5: Fire-fighting measures		
5.1. Suitable (and unsuitable) extinguish	ning media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.	
5.2. Specific hazards arising from the chemical		
Fire hazard	: Combustible liquid.	
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5.3.	Special protective equipment and pr	ecautions for fire-fighters	
Protectio	n during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.	
SECTI	ON 6: Accidental release meas	sures	
6.1.	Personal precautions, protective equ	Jipment and emergency procedures	
6.1.1.	For non-emergency personnel		
Emergei	ncy 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		
Protectiv	e 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 re	lease to the environment.		
6.3.	Methods and material for containme	nt and cleaning up	
Methods	for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.	
Other in	ormation	: Dispose of materials or solid residues at an authorized site.	
6.4.	Reference to other sections		
For further information refer to section 13.			
SECTI	ON 7: Handling and storage		
7.1.	Precautions for safe handling		
Precauti	ons 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, includin	g any incompatibilities	
Storage	conditions	: Store in a well-ventilated place. Keep cool. Store locked up.	
SECTI	ON 8: Exposure controls/perso	onal protection	

SEC	ION 8: Exposure controls/personal prot
8.1.	Control parameters

BENZYL BENZOATE (120-51-4)			
Not applicable			
Linalool (78-70-6)			
Not applicable			
LINALYL ACETATE (115-95	-7)		
Not applicable			
CITRAL (5392-40-5)			
ACGIH	Local name	Citral	
ACGIH	ACGIH OEL TWA [ppm]	5 ppm (IFV - Inhalable fraction and vapor)	
ACGIH	Remark (ACGIH)	TLV® Basis: Body weight eff; URT irr; eye dam. Notations: Skin; DSEN; A4 (Not classifiable as a Human Carcinogen)	
ACGIH	Regulatory reference	ACGIH 2018	
D-LIMONENE (5989-27-5)			
Not applicable			

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LILIAL (80-54-6)
Not applicable
ETHYL MALTOL (4940-11-8)
Not applicable
HELIONAL (1205-17-0)
Not applicable
EXALTOLIDE (106-02-5)
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 inadequate ventilation] wear respiratory protection.

SECTION 9: Physical and chamical properties

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical	roperties
9.1. Information on basic physical and c	nemical properties
Physical state	: Liquid
Color	: Mixture contains one or more component(s) which have the following colour(s): Colourless to light yellow Light yellow to colourless On exposure to air: yellow-brown Colourless White Colourless to brown On exposure to air: yellow On exposure to light: yellow Yellow Colourless to white On exposure to light: turns yellow On exposure to air: turns yellow Colourless to yellow
Odor	 There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odour: Fruity odour Floral odour Almond odour Aromatic odour Mild odour Characteristic odour Pleasant odour Sweet odour Strong odour Lemon odour Almost odourless Phenol odour Pine odour
Odor threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: ≈ 90.6 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability	: Not applicable.
Vapor pressure	: No data available
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Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
No data availableViscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stabilit	y and reactivity

10.1. Reactivity

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

No additional information available

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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 toxicologi	cal effects
Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
BENZYL BENZOATE (120-51-4)	
LD50 oral rat	> 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male/female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 2 ml/kg (Modification of Draize 1959 method, 4 h, Rabbit, Experimental value, Dermal)
ATE US (oral)	1500 mg/kg body weight
ATE US (dermal)	4000 mg/kg body weight
Linalool (78-70-6)	

LD50 oral rat	2790 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))	
LD50 dermal rabbit	5610 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value, Dermal, 7 day(s))	
ATE US (oral)	2790 mg/kg body weight	
ATE US (dermal)	5610 mg/kg body weight	
CITRAL (5392-40-5)		
ATE US (dermal)	2250 mg/kg body weight	
D-LIMONENE (5989-27-5)		
LD50 oral rat	> 2000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Read-across, Oral)	

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D-LIMONENE (5989-27-5)	
LD50 dermal rabbit	> 5000 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Weight of evidence, Dermal)
LILIAL (80-54-6)	
ATE US (oral)	1390 mg/kg body weight
ETHYL MALTOL (4940-11-8)	
LD50 oral rat	1150 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit, Dermal)
ATE US (oral)	1150 mg/kg body weight
HELIONAL (1205-17-0)	
ATE US (oral)	3562 mg/kg body weight
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
D-LIMONENE (5989-27-5)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Linalool (78-70-6)	
NOAEL (dermal,rat/rabbit,90 days)	250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
Aspiration hazard	: Not classified
/iscosity, kinematic	: No data available
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
SECTION 12: Ecological informat	tion
12.1. Toxicity Ecology - general	
_cology - general	• The product is not considered harmful to aquatic organisms or to cause long term adverse
	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
BENZYL BENZOATE (120-51-4) LC50 - Fish [1]	effects in the environment. 2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental
	effects in the environment.
LC50 - Fish [1]	effects in the environment. 2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP) 3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static
LC50 - Fish [1] EC50 - Crustacea [1]	effects in the environment. 2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP) 3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static
LC50 - Fish [1] EC50 - Crustacea [1] Linalool (78-70-6)	effects in the environment. 2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP) 3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP) 27.8 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system,
LC50 - Fish [1] EC50 - Crustacea [1] Linalool (78-70-6) LC50 - Fish [1]	effects in the environment. 2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP) 3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP) 27.8 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP) 27.8 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP) 27.8 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
LC50 - Fish [1] EC50 - Crustacea [1] Linalool (78-70-6) LC50 - Fish [1] EC50 - Crustacea [1]	effects in the environment. 2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP) 3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP) 27.8 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP) 59 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP) 59 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP) 156.7 mg/l (DIN 38412-9, 96 h, Desmodesmus subspicatus, Static system, Fresh water,
LC50 - Fish [1] EC50 - Crustacea [1] Linalool (78-70-6) LC50 - Fish [1] EC50 - Crustacea [1] ErC50 algae	effects in the environment. 2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP) 3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP) 27.8 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP) 59 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP) 59 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP) 156.7 mg/l (DIN 38412-9, 96 h, Desmodesmus subspicatus, Static system, Fresh water,

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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)

12.2. Persistence and degradability BENZYL BENZOATE (120-51-4) Persistence and degradability Readily biodegradable in water. Linalool (78-70-6) Persistence and degradability Readily biodegradable in water. LINALYL ACETATE (115-95-7) Persistence and degradability Readily biodegradable in water. D-LIMONENE (5989-27-5) Persistence and degradability Readily biodegradable in water. ThOD 3.29 g O₂/g substance ETHYL MALTOL (4940-11-8) Persistence and degradability Biodegradability in water: no data available. HELIONAL (1205-17-0) Persistence and degradability Biodegradability in water: no data available.

12.3. Bioaccumulative potential

BENZYL BENZOATE (120-51-4)			
BCF - Fish [1]	2.286 (BCFBAF v3.00, Pisces, QSAR)		
Partition coefficient n-octanol/water (Log Pow)	3.97 (Experimental value, 25 °C)		
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).		
Linalool (78-70-6)			
Partition coefficient n-octanol/water (Log Pow)	2.84 (Experimental value, Equivalent or similar to OECD 107, 25 °C)		
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).		
LINALYL ACETATE (115-95-7)			
Partition coefficient n-octanol/water (Log Pow)	3.93 (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 ($4 \ge Log \text{ Kow} \le 5$).		
ETHYL MALTOL (4940-11-8)			
Bioaccumulative potential	No bioaccumulation data available.		
HELIONAL (1205-17-0)			
Partition coefficient n-octanol/water (Log Pow)	2.4 (OECD 117: Partition Coefficient (n-octanol/water), HPLC method)		
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).		

12.4. Mobility in soil

BENZYL BENZOATE (120-51-4)		
Surface tension	0.027 N/m (210 °C)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value)	
Ecology - soil	Low potential for mobility in soil.	
Linalool (78-70-6)		
Surface tension	8.3 mN/m (20 °C, ISO 9101: Surface active agents - Determination of interfacial tension)	
Ecology - soil	No (test)data on mobility of the substance available.	

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LINALYL ACETATE (115-95-7)		
Ecology - soil	Adsorbs into the soil.	
D-LIMONENE (5989-27-5)		
Ecology - soil	Adsorbs into the soil.	

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal consideration	15
13.1. Disposal methods	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
SECTION 14: Transport information	
Department of Transportation (DOT) In accordance with DOT	
Transport document description (DOT)	: UN3082 Environmentally hazardous substances, liquid, n.o.s. (BENZYL BENZOATE(120-51- 4)), 9, III
UN-No.(DOT)	: UN3082
Proper Shipping Name (DOT)	: Environmentally hazardous substances, liquid, n.o.s.
	BENZYL BENZOATE(120-51-4)
Class (DOT)	: 9 - Class 9 - Miscellaneous hazardous material 49 CFR 173.140
Packing group (DOT)	: III - Minor Danger
Hazard labels (DOT)	: 9 - Class 9 (Miscellaneous dangerous materials)
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 203
DOT Packaging Bulk (49 CFR 173.xxx)	: 241
DOT Symbols	: G - Identifies PSN requiring a technical name

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DOT Special Provisions (49 CFR 172.102)	 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	
DOT Packaging Exceptions (49 CFR 173.xxx)	: 155	
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: No limit	
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: No limit	
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.	
Emergency Response Guide (ERG) Number	: 171	
Other information	: No supplementary information available.	
Transportation of Dangerous Goods		
Transport document description (TDG)	: UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL BENZOATE(120-51-4)), 9, III	
UN-No. (TDG)	: UN3082	
Proper Shipping Name (TDG)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	
TDG Primary Hazard Classes	: 9 - Class 9 - Miscellaneous Products, Substances or Organisms	
Packing group (TDG)	: III - Minor Danger	

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TDG Special Provisions	 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Document following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name: (a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S; (b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S; (c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S; (d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; (e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. (f) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. (g) UN2900, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS,99 - (1) Mixtures of solids that are not dangerous goods and liquids or solids that are UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or leas than 450 kg of UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or less than 450 kg of UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or less than 450 kg of UN3
Explosive Limit and Limited Quantity Index	: 5 L
Transport by sea	
Transport document description (IMDG)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL BENZOATE(120-51-4)), 9, III
UN-No. (IMDG)	: 3082
Proper Shipping Name (IMDG)	: 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)	: 5L
Air transport	
Transport document description (IATA)	: UN 3082 Environmentally hazardous substance, liquid, n.o.s. (BENZYL BENZOATE(120-51- 4)), 9, III
UN-No. (IATA)	: 3082
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

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All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic

Substances Control Act (TSCA) inventory		
BENZYL BENZOATE	CAS-No. 120-51-4	30 – 70%
LINALOOL	CAS-No. 78-70-6	5 – 10%
LINALYL ACETATE	CAS-No. 115-95-7	1 – 5%
CITRAL	CAS-No. 5392-40-5	< 0.5%
LIMONENE	CAS-No. 5989-27-5	5 – 10%
BUTYLPHENYL METHYLPROPIONAL	CAS-No. 80-54-6	1 – 5%
2-ethyl-3-hydroxypyran-4-one	CAS-No. 4940-11-8	1 – 5%
HELIONAL	CAS-No. 1205-17-0	0.5 – 1%
PENTADECALACTONE	CAS-No. 106-02-5	1 – 5%

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta- gamma-2-benzopyran	CAS-No. 1222-05-5	10 – 30%
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15.2. International regulations

CANADA

BENZYL BENZOATE (120-51-4)
Listed on the Canadian DSL (Domestic Substances List)
Linalool (78-70-6)
Listed on the Canadian DSL (Domestic Substances List)
LINALYL ACETATE (115-95-7)
Listed on the Canadian DSL (Domestic Substances List)
CITRAL (5392-40-5)
Listed on the Canadian DSL (Domestic Substances List)
D-LIMONENE (5989-27-5)
Listed on the Canadian DSL (Domestic Substances List)
LILIAL (80-54-6)
Listed on the Canadian DSL (Domestic Substances List)
ETHYL MALTOL (4940-11-8)
Listed on the Canadian DSL (Domestic Substances List)
HELIONAL (1205-17-0)
Listed on the Canadian DSL (Domestic Substances List)
EXALTOLIDE (106-02-5)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

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SENZYL BENZOATE (120-51-4)	
isted on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active isted on INSQ (Mexican National Inventory of Chemical Substances) isted on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) isted on KECI (Korean Existing Chemicals Inventory) isted on the TCSI (Taiwan Chemical Substance Inventory) isted on the TCSI (Taiwan Chemical Substance Inventory) isted on NZIoC (New Zealand Inventory of Chemicals) isted on the Japanese ENCS (Existing New Chemical Substances) inventory isted on PICCS (Philippines Inventory of Chemicals and Chemical Substances) isted on the EC Inventory isted on the EC Inventory isted on the Australian HSIS Consolidated List isted introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) inalool (78-70-6) isted on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
isted on INSQ (Mexican National Inventory of Chemical Substances) isted on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) isted on KECI (Korean Existing Chemicals Inventory) isted on the TCSI (Taiwan Chemical Substance Inventory) isted on NZIoC (New Zealand Inventory of Chemicals) isted on the Japanese ENCS (Existing New Chemical Substances) inventory isted on PICCS (Philippines Inventory of Chemicals and Chemical Substances) isted on the EC Inventory isted on the EC Inventory isted introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)	
INALYL ACETATE (115-95-7)	
isted on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active isted on INSQ (Mexican National Inventory of Chemical Substances) isted on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) isted on KECI (Korean Existing Chemicals Inventory) isted on the TCSI (Taiwan Chemical Substance Inventory) isted on the TCSI (Taiwan Chemical Substance Inventory) isted on NZIoC (New Zealand Inventory of Chemicals) isted on He Japanese ENCS (Existing New Chemical Substances) inventory isted on PICCS (Philippines Inventory of Chemicals and Chemical Substances) isted on the EC Inventory isted on the EC Inventory isted introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)	
SITRAL (5392-40-5)	
isted on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active isted on INSQ (Mexican National Inventory of Chemical Substances) isted on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) isted on KECI (Korean Existing Chemicals Inventory) isted on the TCSI (Taiwan Chemical Substance Inventory) isted on NZIoC (New Zealand Inventory of Chemicals) isted on the Japanese ENCS (Existing New Chemical Substances) inventory isted on the Japanese ENCS (Existing New Chemical Substances) inventory isted on the EC Inventory of Chemicals and Chemical Substances) isted on the EC Inventory isted on the EC Inventory isted on the Australian HSIS Consolidated List isted on the Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)	
)-LIMONENE (5989-27-5)	
isted on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active isted on INSQ (Mexican National Inventory of Chemical Substances) isted on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) isted on KECI (Korean Existing Chemicals Inventory) isted on the TCSI (Taiwan Chemical Substance Inventory) isted on the TCSI (Taiwan Chemical Substance Inventory) isted on NZIoC (New Zealand Inventory of Chemicals) isted on the Japanese ENCS (Existing New Chemical Substances) inventory isted on PICCS (Philippines Inventory of Chemicals and Chemical Substances) isted on the EC Inventory isted on the Australian HSIS Consolidated List isted introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)	

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LILIAL (80-54-6)	
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in C 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 EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Invent Listed on KECL/KECI (Korean Existing Chemicals Inventory) Listed on KECI (Korean Existing Chemicals Inventory)	
ETHYL MALTOL (4940-11-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Act Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in C 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 EC Inventory	nina)
HELIONAL (1205-17-0)	
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in C 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 EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Invent Listed on KECL/KECI (Korean Existing Chemicals Inventory) Listed on KECI (Korean Existing Chemicals Inventory)	
EXALTOLIDE (106-02-5)	
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in C 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 EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Invent Listed on KECL/KECI (Korean Existing Chemicals Inventory) Listed on KECI (Korean Existing Chemicals Inventory)	

SECTION 16: Other information

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Revision	date	

: 08/29/2023

Full text of H-phrases:

H226	Flammable liquid and vapor
H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H361	Suspected of damaging fertility or the unborn child

SDS US

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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.