DenverkaTerpenes

Fruit Loop Terpene Blend

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 10/29/2019 Revision date: 10/29/2019 Version: 1.0

SECTION 1: Identification	
1.1. Identification	
Product form	: Mixture
Product name	: Fruit Loop Terpene Blend
CAS-No.	: N/A
Product code	: T137
1.2. Recommended use and restrictions	on use
No additional information available	
1.3. Supplier	
DTI MEDIA TERPENE ENHANCEMENTS 11546 COLONY ROW BROOMFIELD CO 800 DENVERTERPENES.COM 303-625-7531	021
1.4. Emergency telephone number	
Emergency number	: CHEMTREC - USA: 800-424-9300 International: +1 703-527-3887 / 1-800-424-9300 CCN 13010
SECTION 2: Hazard(s) identification	
2.1. Classification of the substance or m	ixture
GHS US classification	
Flammable liquids Category 3 Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2 Skin sensitization, Category 1 Carcinogenicity Category 2 Aspiration hazard Category 1	Flammable liquid and vapour Causes skin irritation Causes serious eye irritation May cause an allergic skin reaction Suspected of causing cancer May be fatal if swallowed and enters airways
2.2. GHS Label elements, including prec	autionary statements
GHS US labeling	
Hazard pictograms (GHS-US)	GHS02 GHS07 GHS08
Signal word (GHS-US)	: Danger
Hazard statements (GHS-US)	: Flammable liquid and vapour May be fatal if swallowed and enters airways Causes skin irritation May cause an allergic skin reaction Causes serious eye irritation Suspected of causing cancer
Precautionary statements (GHS-US)	 Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment Use explosion-proof electrical/ventilating/lighting equipment Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands, forearms and face thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Immediately call a poison center or doctor

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If on skin: Wash with plenty of water If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If exposed or concerned: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label) Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Wash contaminated clothing before reuse. In case of fire: Use media other than water to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. 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
ORANGE TERPENES	(CAS-No.) 68647-72-3	25 - 50	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304
BETA CARYOPHYLLENE	(CAS-No.) 87-44-5	25 - 50	Skin Sens. 1B, H317 Asp. Tox. 1, H304
MYRCENE	(CAS-No.) 123-35-3	10 - 25	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Carc. 2, H351 Asp. Tox. 1, H304
LINALOOL	(CAS-No.) 78-70-6	5 - 10	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317
BETA PINENE	(CAS-No.) 18172-67-3	5 - 10	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304
ALPHA TERPINEOL	(CAS-No.) 98-55-5	1 - 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
ALPHA PINENE	(CAS-No.) 7785-26-4	1 - 5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304
TERPINOLENE	(CAS-No.) 586-62-9	1 - 5	Flam. Liq. 4, H227 Skin Sens. 1B, H317 Asp. Tox. 1, H304
GERANIOL	(CAS-No.) 106-24-1	1 - 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
VALENCENE	(CAS-No.) 4630-07-3	>= 1	Asp. Tox. 1, H304
ORANGE OIL	(CAS-No.) 8028-48-6	< 5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304

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

Full text of hazard classes and H-statements : s	ee section to
SECTION 4: First-aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Do not induce vomiting. Call a physician immediately.
4.2. Most important symptoms and effect	cts (acute and delayed)
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.
Symptoms/effects after ingestion	: Risk of lung edema.
4.3. Immediate medical attention and sp	pecial treatment, if necessary
Treat symptomatically.	
SECTION 5: Fire-fighting measures	
5.1. Suitable (and unsuitable) extinguis	hing media
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Specific hazards arising from the cl	hemical
Fire hazard	: Flammable liquid and vapour.
Reactivity	: Flammable liquid and vapour.
5.3. Special protective equipment and p	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing
	apparatus. Complete protective clothing.
SECTION 6: Accidental release mea	sures
	uipment 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 containme	ent 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.	
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. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static

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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 stora	ge, including any incompatibilities
Technical measures	: Ground/bond container and receiving equipment.
Storage conditions	: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
SECTION 8: Exposure cont	ols/personal protection
3.1. Control parameters	
GERANIOL, NATURAL (106-24-1)	
Not applicable	
CARYOPHYLLENE BETA, NATUR	RAL (87-44-5)
Not applicable	
TERPINEOL ALPHA, NATURAL (98-55-5)
Not applicable	
TERPINOLENE NATURAL (586-62	2-9)
Not applicable	
PINENE BETA, NATURAL (18172	-67-3)
Not applicable	
Valencene (4630-07-3)	
Not applicable	
ORANGE VALENCIA 5X FOLD (8	028-48-6)
Not applicable	
PINENE ALPHA, NATURAL (7785	-26-4)
Not applicable	
ORANGE TERPENES (68647-72-3	
Not applicable	
LINALOOL NATURAL EXHOWOO	D 98% (78-70-6)
Not applicable	
MYRCENE BETA, NATURAL (123	-35-3)
Not applicable	

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensu

Environmental exposure controls

Ensure good ventilation of the work station.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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SECTION 9: Physical and chemical	
9.1. Information on basic physical and	
Physical state	: Liquid
	: PALE YELLOW TO YELLOW
Odor	: BERRY,TERPENES
Ddor threshold	: No data available
bH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 49 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
/apor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 0.864 (0.854 - 0.874)
Solubility	: Insoluble.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
/iscosity, kinematic	: No data available
/iscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
9.2. Other information	
Refractive index	: 1.478 (1.468 - 1.488)
SECTION 10: Stability and reactivit	у
10.1. Reactivity	
Flammable liquid and vapour.	
10.2. Chemical stability	
Stable under normal conditions.	
10.3. Possibility of hazardous reactions	
No dangerous reactions known under normal o	onditions of use.
10.4. Conditions to avoid	
Avoid contact with hot surfaces. Heat. No flame	es, no sparks. Eliminate all sources of ignition.
10.5. Incompatible materials	
No additional information available	
10.6. Hazardous decomposition produc	ts
	azardous decomposition products should not be produced.
SECTION 11: Toxicological informa	
11.1. Information on toxicological effect	
-	
Acute toxicity	: Not classified
GERANIOL, NATURAL (106-24-1)	
I D50 oral rat	2600 mg/kg body weight (Pat: Experimental value)

GERANOL, NATORAL (100-24-1)	
LD50 oral rat	3600 mg/kg body weight (Rat; Experimental value)
LD50 dermal rabbit	> 5000 mg/kg body weight (Rabbit; Experimental value)
ATE US (oral)	3600 mg/kg body weight

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TERPINEOL ALPHA, NATURAL (98-55-5)		
ATE US (oral)	4300 mg/kg body weight	
PINENE ALPHA, NATURAL (7785-26-4)		
ATE US (oral)	3700 mg/kg body weight	
ORANGE TERPENES (68647-72-3)		
LD50 oral rat	> 2000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Read-across, Oral)	
LD50 dermal rabbit	> 5000 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Weight of evidence, Dermal)	
LINALOOL NATURAL EXHOWOOD 98% (78-	-70-6)	
ATE US (oral)	2790 mg/kg body weight	
Skin corrosion/irritation	: Causes skin 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.	

ORANGE TERPENES (68647-72-3)	
IARC group	3 - Not classifiable
MYRCENE BETA, NATURAL (123-35-3)	
IARC group	2B - Possibly carcinogenic to humans
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated	: Not classified
exposure	
Aspiration hazard	: May be fatal if swallowed and enters airways.
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.
Symptoms/effects after ingestion	: Risk of lung edema.
SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
GERANIOL, NATURAL (106-24-1)	
LC50 fish 1	> 9.8 mg/l (LC50; 96 h)
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ORANGE TERPENES (68647-72-3)	
LC50 fish 1	720 µg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pimephales promelas, Flow-through

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 Daphnia 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		
GERANIOL, NATURAL (106-24-1)		
Persistence and degradability	Readily biodegradable in water.	
ThOD	2.9 g O ₂ /g substance	
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ORANGE TERPENES (68647-72-3)		
Persistence and degradability	Readily biodegradable in water.	
ThOD	3.29 g O ₂ /g substance	
12.3. Bioaccumulative potential		
GERANIOL, NATURAL (106-24-1)		
Bioaccumulative potential	No bioaccumulation data available.	

ORANGE TERPENES (68647-72-3)		
BCF fish 1	864.8 - 1022 (Pisces, QSAR, Fresh weight)	
Log Pow	4.38 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 37 °C)	
Bioaccumulative potential	Potential for bioaccumulation ($4 \ge Log$ Kow ≤ 5).	
12.4. Mobility in soil		

ORANGE TERPENES (68647-72-3)	
Ecology - soil	Adsorbs into the soil.
•••	

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerat	lions
13.1. Disposal methods	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information	: Flammable vapors may accumulate in the container.
SECTION 14: Transport information	on
Department of Transportation (DOT)	
In accordance with DOT	
Not regulated	
Transportation of Dangerous Goods	
Not applicable	
Transport by sea	
Transport document description (IMDG)	: UN 1266 PERFUMERY PRODUCTS, 3, III
UN-No. (IMDG)	: 1266
Proper Shipping Name (IMDG)	: PERFUMERY PRODUCTS
Class (IMDG)	: 3 - Flammable liquids
Packing group (IMDG)	: III - substances presenting low danger
Limited quantities (IMDG)	: 5 L

Air transport

Transport document description (IATA)	: UN 1266 Perfumery products, 3, III
UN-No. (IATA)	: 1266
Proper Shipping Name (IATA)	: Perfumery products
Class (IATA)	: 3 - Flammable Liquids
Packing group (IATA)	: III - Minor Danger

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SECTION 15: Regulatory information

GERANIOL, NATURAL (106-24-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
CARYOPHYLLENE BETA, NATURAL (87-44-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
TERPINEOL ALPHA, NATURAL (98-55-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
TERPINOLENE NATURAL (586-62-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
PINENE BETA, NATURAL (18172-67-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Valencene (4630-07-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
ORANGE VALENCIA 5X FOLD (8028-48-6)
Not listed on the United States TSCA (Toxic Substances Control Act) inventory
PINENE ALPHA, NATURAL (7785-26-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
ORANGE TERPENES (68647-72-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
LINALOOL NATURAL EXHOWOOD 98% (78-70-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
MYRCENE BETA, NATURAL (123-35-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations CANADA

GERANIOL, NATURAL (106-24-1)				
Listed on the Canadian DSL (Domestic Substances List)				
CARYOPHYLLENE BETA, NATURAL (87-44-5)				
Listed on the Canadian DSL (Domestic Substances List)				
TERPINEOL ALPHA, NATURAL (98-55-5)				
Listed on the Canadian DSL (Domestic Substances List)				
TERPINOLENE NATURAL (586-62-9)				
Listed on the Canadian DSL (Domestic Substances List)				
PINENE BETA, NATURAL (18172-67-3)				
Listed on the Canadian DSL (Domestic Substances List)				
Valencene (4630-07-3)				
Listed on the Canadian DSL (Domestic Substances List)				
ORANGE VALENCIA 5X FOLD (8028-48-6)				
Listed on the Canadian DSL (Domestic Substances List)				
PINENE ALPHA, NATURAL (7785-26-4)				
Listed on the Canadian NDSL (Non-Domestic Substances List)				
ORANGE TERPENES (68647-72-3)				
Listed on the Canadian DSL (Domestic Substances List)				

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LINALOOL NATURAL EXHOWOOD 98% (78-70-6)		
Listed on the Canadian DSL (Domestic Substances List)		
MYRCENE BETA, NATURAL (123-35-3)		

EU-Regulations

No additional information available

MYRCENE BETA, NATURAL (123-35-3)

Listed on IARC (International Agency for Research on Cancer)

15.3. US State regulations

A WARNING:

This product can expose you to myrcene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

TERPINOLENE NATURAL (586-62-9)

U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

evision date	: 10/29/2019
ull text of H-phrases:	
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 2	Carcinogenicity Category 2
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1B	Skin sensitization, category 1B
H226	Flammable liquid and vapour
H227	Combustible liquid
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
H351	Suspected of causing cancer

SDS US (GHS HazCom 2012)

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