

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 02/17/2020 Revision date: 02/17/2020 Version: 1.0

SECTION 1: Identification

Identification

Product form : Mixture

Product name : Pineapple Kush Full Spectrum

CAS-No. Product code : FST113

Recommended use and restrictions on use

No additional information available

1.3. **Supplier**

DTI MEDIA TERPENE ENHANCEMENTS 11546 COLONY ROW BROOMFIELD CO 80021 **DENVERTERPENES.COM** 303-625-7531

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

Classification of the substance or mixture

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

GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)







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

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

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

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
BETA CARYOPHYLLENE	(CAS-No.) 87-44-5	25 - 50	Skin Sens. 1B, H317 Asp. Tox. 1, H304
ORANGE TERPENES	(CAS-No.) 68647-72-3	10 - 25	Flam. Liq. 3, H226 Skin Irrit. 2, H315 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	10 - 25	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317
BETA PINENE	(CAS-No.) 18172-67-3	1 - 5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304
PHYTOL	(CAS-No.) 150-86-7	1 - 5	Skin Irrit. 2, H315
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
Nerolidol (isomer unspecified)	(CAS-No.) 7212-44-4	1 - 5	Eye Irrit. 2B, H320
ALPHA TERPINEOL	(CAS-No.) 98-55-5	1 - 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
CAMPHENE	(CAS-No.) 79-92-5	1 - 5	Flam. Sol. 2, H228 Eye Irrit. 2, H319
GERANYL ACETATE	(CAS-No.) 105-87-3	1 - 5	Skin Irrit. 2, H315 Skin Sens. 1, H317
GERANIOL	(CAS-No.) 106-24-1	0.1 - 1	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317

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

SECTION 4: First-aid measures

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.

Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin First-aid measures after skin contact

irritation or rash occurs: Get medical advice/attention.

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to First-aid measures after eye contact

do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Do not induce vomiting. Call a physician immediately.

Most important symptoms and effects (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.

Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Specific hazards arising from the chemical

Fire hazard : Flammable liquid and vapour. : Flammable liquid and vapour. Reactivity

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

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

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

6.1.2. For emergency responders

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

refer to section 8: "Exposure controls/personal protection".

6.2. **Environmental precautions**

Avoid release to the environment.

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.

Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

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 discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. 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.

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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 storage, 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 controls/personal protection

8.1. Control parameters

PINENE ALPHA, NATURAL (7785-26-4)

Not applicable

TERPINEOL ALPHA, NATURAL (98-55-5)

Not applicable

PINENE BETA, NATURAL (18172-67-3)

Not applicable

CAMPHENE NATURAL (79-92-5)

Not applicable

PHYTOL NATURAL (150-86-7)

Not applicable

GERANIOL, NATURAL (106-24-1)

Not applicable

GERANYL ACETATE, NATURAL (105-87-3)

Not applicable

LINALOOL NATURAL EXHOWOOD 98% (78-70-6)

Not applicable

MYRCENE BETA, NATURAL (123-35-3)

Not applicable

NEROLIDOL NATURAL (7212-44-4)

Not applicable

ORANGE TERPENES (68647-72-3)

Not applicable

CARYOPHYLLENE BETA, NATURAL (87-44-5)

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:

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In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

: PALE YELLOW TO YELLOW

Odor : FRUITY, TERPENES
Odor threshold : No data available
pH : No data available
Melting point : Not applicable
Freezing point : No data available
Boiling point : No data available
Freezing point : No data available

Flash point : 58 °C

Relative evaporation rate (butyl acetate=1) : No data available Flammability (solid, gas) : Not applicable.

Vapor pressure : No data available Relative vapor density at 20 °C : No data available Relative density : 0.875 (0.865 - 0.885)

Solubility : Insoluble.

Log Pow No data available Auto-ignition temperature : No data available : No data available Decomposition temperature Viscosity, kinematic No data available Viscosity, dynamic : No data available **Explosion limits** : No data available : No data available Explosive properties Oxidizing properties : No data available

9.2. Other information

Refractive index : 1.483 (1.473 - 1.493)

SECTION 10: Stability and reactivity

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 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

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 toxicological effects

Acute toxicity : Not classified

PINENE ALPHA, NATURAL (7785-26-4)	
ATE US (oral)	3700 mg/kg body weight

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TERPINEOL ALPHA, NATURAL (98-55-5	
ATE US (oral)	4300 mg/kg body weight
CAMPHENE NATURAL (79-92-5)	
LD50 oral rat	> 5000 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 2500 mg/kg (Rabbit, Dermal)
GERANIOL, NATURAL (106-24-1)	
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
GERANYL ACETATE, NATURAL (105-87	7-3)
LD50 oral rat	6300 mg/kg (Rat, Oral)
ATE US (oral)	6300 mg/kg body weight
LINALOOL NATURAL EXHOWOOD 98%	(78-70-6)
ATE US (oral)	2790 mg/kg body weight
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ORANGE TERPENES (68647-72-3)	0000 # 1 1 1 1 1 / 0500 400 4 1 2 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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)
kin corrosion/irritation	: Causes skin irritation.
erious eye damage/irritation	: Causes serious eye irritation.
espiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
arcinogenicity	: Suspected of causing cancer.
MYRCENE BETA, NATURAL (123-35-3)	
IARC group	2B - Possibly carcinogenic to humans
ORANGE TERPENES (68647-72-3)	
IARC group	3 - Not classifiable
	1
teproductive toxicity	: Not classified
TOT-single exposure	: Not classified
TOT	
TOT-repeated exposure	: Not classified
spiration 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.

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

effects in the environment.

CAMPHENE NATURAL (79-92-5)	
LC50 fish 1	0.72 mg/l (96 h, Brachydanio rerio, Technical product)
EC50 Daphnia 1	22 mg/l (48 h, Daphnia magna, Technical product)

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GERANIOL, NATURAL (106-24-1)	
LC50 fish 1	> 9.8 mg/l (LC50; 96 h)
GERANYL ACETATE, NATURAL (105-87-3	3)
LC50 fish 1	68.12 mg/l (DIN 38412: German standard methods for the examination of water, waste water and sludge, 96 h, Leuciscus idus, Static system, Fresh water, Read-across)
EC50 Daphnia 1	14.1 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
ORANGE TERPENES (68647-72-3)	
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

CAMPHENE NATURAL (79-92-5)		
Persistence and degradability	Not readily biodegradable in water.	
GERANIOL, NATURAL (106-24-1)		
GERANIOL, NATURAL (100-24-1)		
Persistence and degradability	Readily biodegradable in water.	
ThOD	2.9 g O ₂ /g substance	
GERANYL ACETATE, NATURAL (105-87-3)		
Persistence and degradability	Readily biodegradable in water.	
ThOD	2.6 g O₂/g substance	
ORANGE TERPENES (68647-72-3)		
Persistence and degradability	Readily biodegradable in water.	
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ORANGE TERPENES (68647-72-3)	
Persistence and degradability	Readily biodegradable in water.
ThOD	3.29 g O₂/g substance

Bioaccumulative potential

CAMPHENE NATURAL (79-92-5)	
BCF fish 1	432 - 1290 (Cyprinus carpio, Test duration: 8 weeks)
Log Pow	4.02
Bioaccumulative potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000).
GERANIOL, NATURAL (106-24-1)	
Bioaccumulative potential	No bioaccumulation data available.
GERANYL ACETATE, NATURAL (105-87-3	3)
BCF other aquatic organisms 1	1500 (Estimated value)
Log Pow	4.04 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method)
Bioaccumulative potential	Potential for bioaccumulation (4 ≥ Log Kow ≤ 5).

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, $37\ ^{\circ}\text{C}$)
Bioaccumulative potential	Potential for bioaccumulation (4 ≥ Log Kow ≤ 5).

12.4. **Mobility in soil**

GERANYL ACETATE, NATURAL (105-87-3)	
Log Koc	3.06 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Low potential for mobility in soil.

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

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12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

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

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

SECTION 15: Regulatory information

15.1. US Federal regulations

PINENE ALPHA, NATURAL (7785-26-4)

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

PINENE BETA, NATURAL (18172-67-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

CAMPHENE NATURAL (79-92-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

PHYTOL NATURAL (150-86-7)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

GERANIOL, NATURAL (106-24-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

GERANYL ACETATE, NATURAL (105-87-3)

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

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NEROLIDOL NATURAL (7212-44-4)

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

CARYOPHYLLENE BETA, NATURAL (87-44-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

PINENE ALPHA, NATURAL (7785-26-4)

Listed on the Canadian NDSL (Non-Domestic Substances List)

TERPINEOL ALPHA, NATURAL (98-55-5)

Listed on the Canadian DSL (Domestic Substances List)

PINENE BETA, NATURAL (18172-67-3)

Listed on the Canadian DSL (Domestic Substances List)

CAMPHENE NATURAL (79-92-5)

Listed on the Canadian DSL (Domestic Substances List)

PHYTOL NATURAL (150-86-7)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

GERANIOL, NATURAL (106-24-1)

Listed on the Canadian DSL (Domestic Substances List)

GERANYL ACETATE, NATURAL (105-87-3)

Listed on the Canadian DSL (Domestic Substances List)

LINALOOL NATURAL EXHOWOOD 98% (78-70-6)

Listed on the Canadian DSL (Domestic Substances List)

MYRCENE BETA, NATURAL (123-35-3)

Listed on the Canadian DSL (Domestic Substances List)

NEROLIDOL NATURAL (7212-44-4)

Listed on the Canadian DSL (Domestic Substances List)

ORANGE TERPENES (68647-72-3)

Listed on the Canadian DSL (Domestic Substances List)

CARYOPHYLLENE BETA, NATURAL (87-44-5)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

MYRCENE BETA, NATURAL (123-35-3)

Listed on IARC (International Agency for Research on Cancer)

15.3. US State regulations



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.

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SECTION 16: Other information

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Full text of H-phrases:

H226	Flammable liquid and vapour
H227	Combustible liquid
H228	Flammable solid
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
H320	Causes 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.

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