



Date: 02/06/2018

Product Code: BVV-PN-BD

SAFETY DATA SHEET

1. Identification

Product Name:	Blue Dream Terpenes
Product Code:	BVV-PN-BD
SDS Date:	02/06/2018
Address:	BVV 1251 Frontenac Rd. Ste 150 Naperville IL 60563
Phone:	(331) 281-0154
CHEMTEL:	(800) 255-3924

2. Hazard(s) Identification

2.1 Classification of the Substance or mixture

Class and category of danger

Flammable Liquid	Hazard Category 3
Acute Toxicity	Oral Category 4
Skin corrosion	Irritation Category 2
Eye Damage	Irritation Category 2
Sensitization	Skin Category 1
Hazardous to the Aquatic Environment	Acute Hazard Category 1
Hazardous to the Aquatic Environment	Long-term Hazard Category 1
Aspiration Hazards	Category 1

H226	Flammable liquid and vapour.
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.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H410	Very toxic to aquatic life with long lasting effects.

Pictogram



Signal Word

Danger

Hazard Statement:

- H226, Flammable liquid and vapour
- 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.
- H410, Very toxic to aquatic life with long lasting effects.

Other Hazards:

None

Supplemental Information:

EUH208, Contains Terpinolene. May produce an allergic reaction.

Precautionary statements:

- P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
- P240, Ground/bond container and receiving equipment.
- P241, Use explosion-proof electrical, ventilating and lighting equipment.
- P242, Use only non-sparking tools.
- P243, Take precautionary measures against static discharge.
- P261, Avoid breathing vapour or dust.
- P264, Wash hands and other contacted skin thoroughly after handling.

P271, Use only outdoors or in a well-ventilated area.

P272, Contaminated work clothing should not be allowed out of the workplace.

P273, Avoid release to the environment.

P280, Wear protective gloves/eye protection/face protection.

P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower

P304/340, IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312, Call a POISON CENTRE or doctor/physician if you feel unwell.

P331, Do not induce vomiting

P333/313, If skin irritation or rash occurs: Get medical advice/attention.

P337/313, If eye irritation persists: Get medical advice/attention.

P362, Take off contaminated clothing and wash before reuse.

P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.

P391, Collect spillage.

P403/233/235, Store in a well-ventilated place. Keep container tightly closed. Keep

P405, Store locked up.

P501, Dispose of contents/container to approved disposal site, in accordance with

3. Composition/Information on Ingredients

3.2 Mixtures

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for Name CAS EC REACH Registration No. % (CLP) 1272/2008
Farnesol	4602-84-0	225-004-1		10-20%	SCI 2-EDI 2-SS 1B; H315-H317-H319,-

Myrcene	123-35-3	204-622-5		10-20%	FL 3-SCI 2-EDI 2-AH 1; H226-H304-H315- H319,-
alpha-Pinene	80-56-8	201-291-9		10-20%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226- H304-H315-H317- H410,-
beta-Pinene	127-91-3	204-872-5		10-20%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226- H304-H315-H317- H410,-
d-Limonene	5989-27-5	227-813-5		10-20%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226- H304-H315-H317- H410
Humulene	6753-98-6	229-816-7		5-10%	SCI 2-EDI 2-STO-SE 3 (RI);H315-H319-H335
Linalool	78-70-6	201-134-4		5-10%	SCI 2-EDI 2;H315- H319
alpha-Terpineol	98-55-5	202-680-6		5-10%	SCI 2-EDI 2;H315- H319,-
Bisabolene	495-62-5	207-805-8		1-5%	SCI 2-SS 1B-AH 1; H304-H315-H317

Substances with Community workplace exposure limits:

Not Applicable

Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

4. First-aid Measures

4.1 Description of first aid measures:

In Case of Skin (or hair) Contact:

Remove/take off immediately all contaminated clothing.
Rinse skin with water/shower

In Case of Eye Contact:

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

If Swallowed:

Immediately call a POISON CENTER or doctor/physician.

4.2 Most Important Symptoms and Effects, Both Acute and delayed:

May be fatal if swallowed and enters airways.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
May cause respiratory irritation.

4.3 Indications of Any Immediate Medical Attention and Special Treatment

None expected, see Section 4.1 for further information.

5. Fire-fighting Measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special Hazards:

In case of fire, may be liberated: Carbon monoxide, Unidentified organic Compounds

5.3 Special Firefighting Procedure:

In case of insufficient ventilation, wear suitable respiratory equipment.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

7. Handling and Storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

7.2 Conditions for safe storage, including any incompatibilities:

Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

Flavours: Use in accordance with good manufacturing and industrial

8. Exposure Controls/Personal Protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

Eye/Face Protection:

Wear protective gloves/eye protection/face protection

Respiratory Protection:

Ensure adequate and ongoing ventilation is maintained in order to prevent buildup of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

9. Physical and Chemical Properties

Appearance:

Not determined

Odor:

Not determined

Odor Threshold:

Not determined

pH:

Not determined

Melting point / freezing	Not determined
Initial boiling point / range:	Not determined
Flash point:	45.6 °C
Evaporation Rate:	Not determined
Flammability (solid, gas):	Not determined
Lower Explosion Limit:	Product does not present an explosion hazard
Upper Explosion Limit:	Product does not present an explosion hazard
Vapor Pressure:	Not determined
Vapor density:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected
Partition Coefficient:	Not determined
Auto Ignition Temp:	Not determined
Decomposition Temp:	Not determined
Viscosity:	Not determined

9.2 Other information:

None available

10. Stability and Reactivity

Reactivity:	Presents no significant reactivity hazard, by itself or in contact with water
Chemical Stability:	Good stability under normal storage conditions.
Possibility of Hazardous Reactions:	Not expected under normal conditions of use.
Conditions to Avoid:	Avoid extreme heat.
Incompatible Materials:	Avoid contact with strong acids, alkalis or oxidizing agents.
Hazardous Decomposition Products:	Not expected.

11. Toxicological Information

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

Acute Toxicity:

Acute Toxicity - Oral Category 4

Acute Toxicity Oral

>5000

Acute Toxicity Dermal

Not Applicable

Acute Toxicity Inhalation

Not Applicable

Skin Corrosion/Irritation:

Skin Corrosion / Irritation Category 2

Serious eye damage/irritation:

Eye Damage / Irritation Category 2

Respiratory or skin sensitisation:

Sensitization - Skin Category 1

Germ cell mutagenicity:

Based on available data the classification criteria are not met

Carcinogenicity:

Based on available data the classification criteria are not met

Reproductive toxicity:

Based on available data the classification criteria are not met

STOT-single exposure:

Specific Target Organ Toxicity (Single Exposure) Category 3

STOT-repeated exposure:

Based on available data the classification criteria are not met.

Aspiration hazard:

Aspiration Hazard Category 1

Information about hazardous ingredients in the mixture

Not Applicable

Refer to Sections 2 and 3 for additional information.

12. Ecological Information

12.1 Toxicity:

Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability:

Not available

12.3 Bioaccumulative potential:	Not available
12.4 Mobility in soil:	Not available
12.5 Results of PBT and vPvB	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
12.6 Other adverse effects:	Not available

13. Disposal Considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transportation Information

14.1 UN number:	UN1169
14.2 UN Proper Shipping Name:	EXTRACTS, AROMATIC, LIQUID
14.3 Transport hazard class(es):	3
14.4. Packing Group:	III
14.5 Environmental hazards:	This is an environmentally hazardous substance.
14.6 Special precautions for user:	None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not Applicable

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

None additional

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

16. Other Information

Concentration % Limits:

EH A1=69.44% EH C1=69.44% EH C2=6.94% EH C3=0.69444444% EH C4=69.44% SCI 2=11.76% EDI 2=22.22% SS 1=6.67% AH 1=19.23%

Total Fractional Values:

EH A1=1.44 EH C1=1.44 EH C2=14.40 EH C3=144.00 EH C4=1.44 SCI 2=8.50 EDI 2=4.50 SS 1=15.00 AH 1=5.20

SDS Date:

03/30/2018

Key to revisions:

Not available

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