

SAFETY DATA SHEET

1. Identification

Product Name:
Product Code:
Use:

Address: BVV
 1251 Frontenac Rd. Ste 150
 Naperville IL 60563
Phone: (331) 281-0154
Email: support@shopbv.com

CHEMTEL: (800) 255-3924

2. Hazard(s) Identification

GHS Classification

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

Pictogram



Signal Word

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 long lasting effects.

Supplemental Information:

EUH208: Contains 4-Hydroxy-2,5-dimethyl-3(2H)-furanone. May produce an allergic reaction.

Precautionary

P210 Keep away from heat, sparks, open flames and hot surfaces. -No smoking.
P233 Keep container tightly closed.
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.
P270	DO not eat, drink or smoke when using this product.
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.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue
P330	Rinse mouth.
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	Collection spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.

Hazards Not Otherwise Classified:

None

3. Composition/Information On Ingredients

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
alpha-Pinene	80-56-8	201-291-9		70-80%	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-
Benzyl alcohol	100-51-6	202-859-9		1-10%	ATO 4-ATI 4-EDI 2; H302-H319-H332,-
beta-Caryophyllene	87-44-5	201-746-1		1-10%	AH 1;H304,-
beta-Pinene	127-91-3	204-872-5		1-10%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226- H304-H315-H317-
p-Cymene	99-87-6	202-796-7		<1%	FL 3-AH 1-EH C2; H226-H304-H411,-
Myrcene	123-35-3	204-622-5		<1%	FL 3-SCI 2-EDI 2-AH 1; H226-H304-H315- H319,-
Sabinene	3387-41-5			<0.1%	FL 3-SCI 2-SS 1-AH 1- EH A1-EH C1;H226- H304-H315-H317- H410,-
4-Hydroxy-2,5-dimethyl3(2H)-furanone	3658-77-3	222-908-8		<0.1%	EDI 2-SS 1A;H317- H319,-
Terpinolene	586-62-9	209-578-0		<0.1%	SS 1B-AH 1-EH A1-EH C1;H304-H317-H410,-
delta-3-Carene	13466-78-9	236-719-3		<0.1%	FL 3-SCI 2-SS 1B-AH 1;H226-H304-H315- H317,-

p-Mentha-1,4-diene	99-85-4	202-794-6		<0.1%	FL 3-AH 1;H226-H304, -
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4. First-aid Measures

In Case of Skin 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.

If Swallowed:

Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects, Both Acute and Delayed:

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

Indications of Any Immediate Medical Attention and Special Treatment Needed:

None expected.

5. Fire-fighting Measures

Extinguishing Media:

Carbon dioxide, Dry chemical, Foam.

Special Hazards:

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

Advice for Firefighters

In case of insufficient ventilation, wear suitable respiratory equipment.

6. Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:

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

Environmental Precautions:

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

Methods and Materials for Containment and Clean Up:

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

7. Handling and Storage

Safe Handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Do not eat, drink or smoke when using the product.

Safe Storage:

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

Specific End Use(s):

Flavours: Use in accordance with good manufacturing and industrial hygiene practices.

8. Exposure Controls/Personal Protection

Eye/Skin Protection:

Wear protective gloves/eye protection/face protection.

Respiratory Protection:

Ensure adequate and ongoing ventilation is maintained in order to prevent build up 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.

9. Physical and Chemical Properties

Appearance:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	32 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion
Vapour pressure:	Not determined
Vapour density:	Not determined

Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

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 oxidising 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).		
Name:	CAS:	EC:
Benzyl Alcohol	100-51-6	202-859-9
LD50/ATE Oral: 1620		
LD50/ATE Inhalation: 11		
LD50/ATE Dermal: 2500		
LD50 Route: Vapour		
Acute Toxicity:	Acute Toxicity - Oral Category 4	
Acute Toxicity Oral	4279	
Acute Toxicity Dermal	>5000	
Acute Toxicity Inhalation	Not Available	
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:	Based on available data the classification criteria are not met.	
STOT-repeated exposure:	Based on available data the classification criteria are not met.	
Aspiration hazard:	Aspiration Hazard Category 1	

12. Ecological Information

Toxicity:	Very toxic to aquatic life with long lasting effects.
Persistence and degradability:	Not available
Bioaccumulative potential:	Not available
Mobility in soil:	Not available
Results of PBT and vPvB assessment:	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
Other adverse effects:	Not available

13. Disposal Considerations

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

Proper Shipping Name:	EXTRACTS, FLAVOURING, LIQUID
Hazard Class	3
Identification Number:	UN1197
Packing Group:	III
Ship:	UN1197 EXTRACTS, FLAVOURING, LIQUID CLASS 3 PG III
Environmental hazards:	This is an environmentally hazardous substance.

15. Regulatory Information

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

None additional

Chemical Safety Assessment:

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

16. Other Information, Including Date of Preparation or Last Revision

SDS Date:	1/1/2020
Concentration % Limits:	EH A1=49.50% EH C1=49.50% EH C2=4.95% EH C3=0.49504951% EH C4=49.50% SCI 2=14.81% EDI 2=31.25% SS 1=4.26% AH 1=11.11%
Total Fractional Values:	EH A1=2.02 EH C1=2.02 EH C2=20.20 EH C3=202.00 EH C4=2.02 SCI

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