

SAFETY DATA SHEETS

This SDS packet was issued with item:

071482769

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

071482629 071482637 071482645 071482652



Safety Data Sheet ORCA FOAM™

SECTION 1: Identification

1.1 Product identifier

Product name ORCA FOAM™

1.2 Other means of identification

Not applicable.

1.3 Recommended use of the chemical and restrictions on use

Topical hemostat for use as an adjunct to hemostasis by tamponade effect. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

1.4 Supplier's details

Name Orca Products, LLC
Address 100 Metro Dr.
Dothan, AL. 36303
USA

Telephone 1-970-401-1138

1.5 Emergency phone number(s)

1-970-401-1138 (Mon-Fri 9am to 5pm CT)

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

No data available.

SECTION 3: Composition/information on ingredients

Components

Component*	Concentration*
Gelatine (CAS no.: 9000-70-8)	>99.8%

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	If breathed in, move person into fresh air. If breathing is irregular or stopped, give artificial respiration. If symptoms persist, get medical attention.
In case of skin contact	Wash with plenty of water. Call a poison center or doctor if irritation or rash develops or persists.
In case of eye contact	Rinse cautiously with water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention/advice.
If swallowed	Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
Personal protective equipment for first-aid responders	Refer to Section 8 for specific personal protective equipment recommendations.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

If inhaled	No adverse effects are normally expected.
In case of skin contact	No adverse effects are normally expected.
In case of eye contact	No adverse effects are normally expected. May cause mild eye irritation.
If swallowed	May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

No data available.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures or requirements. Handle in accordance with good industrial hygiene and safety practices.
Beware of slippery surfaces.

6.2 Environmental precautions

Product is biodegradable.

6.3 Methods and materials for containment and cleaning up

Pick up and dispose in accordance with applicable Federal, State and local laws and regulations.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

7.2 Conditions for safe storage, including any incompatibilities

Keep in a sealed protective outer packaging in a dry and well-ventilated place at room temperature. Keep away from sunlight.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No applicable occupational exposure limits.

8.2 Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Not normally required.

Skin protection

Protective gloves, such as nitrile gloves, are recommended in case of prolonged/repeated exposure during product handling/processing.

Body protection

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not normally required. Ensure adequate ventilation.

Thermal hazards

No data available.

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	White gelatine sponge.
Odor	No specific odor.
Odor threshold	No data available.
pH	~7
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Specific gravity	No data available.
Solubility(ies)	Insoluble in water.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Minimum ignition temperature	610°C
Glow temperature	No smoldering until 450°C

Other safety information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Not classified as a reactivity hazard.

10.2 Chemical stability

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

Carbon oxides and other hazardous fumes and gases.

SECTION 11: Toxicological information

Information on toxicological effects

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation.
Symptoms and effects from inhalation, skin and eye contact and ingestion are listed in Section 4.

Acute toxicity

Based on available data, classification data are not met.

Skin corrosion/irritation

Based on available data, classification data are not met.

Serious eye damage/irritation

Based on available data, classification data are not met.

Respiratory or skin sensitization

Based on available data, classification data are not met.

Germ cell mutagenicity

No data available.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

Based on available data, classification data are not met.

Additional information

No data available.

SECTION 12: Ecological information

Toxicity

No data available on product

Persistence and degradability

Product is biodegradable.

Bioaccumulative potential

No data available on product

Mobility in soil

No data available.

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

No data available.

SECTION 13: Disposal considerations

Disposal of the product

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Disposal of contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information

DOT (US)

Not dangerous goods.

IMDG

Not dangerous goods.

IATA

Not dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

No SARA hazards.

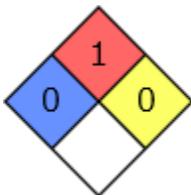
SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

HMIS Rating

ORCA FOAM™	
HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

Date of issue: January 07, 2021.

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. All materials may present unknown hazards and should be used with caution. In no event shall we be held liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if we have been advised of the possibility of such damages.

SECTION 1 - IDENTIFICATION

1.1 Product Identifier

Finished Product Name: Orca Complete Dry Socket

1.2 Intended Use of the Product

To be used as oral pain reliever.

1.3 Name, Address, and Telephone of the Responsible Party:

Filltech USA, LLC
 380 Palmer Rd
 Rockwell, NC 28138
 1.704.279.4300 Phone
 1.704.279.4356 Fax

1.4 Emergency & Information Numbers:

+1 800-424-9300 Chemtrec (North America) 24/7
 +1 703-527-3887 Chemtrec (International) 24/7
Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving the product.

SECTION 2 – HAZARDS IDENTIFICATION

2.1 Classification of the Mixture

Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

- Acute toxicity, oral, Cat. 4
- Eye damage/irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1

2.2 Label Elements



Signal word Warning

Hazard Statements (GHS-US):

H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

Precautionary Statements (GHS-US):

P261	Avoid breathing mist/vapors/spray.
P264	Wash hands and exposed skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear eye protection/face protection/protective gloves.
P301+P312+P330	IF SWALLOWED: Call a POISON CENTER /doctor if you feel unwell. Rinse mouth.
P302+P352	IF ON SKIN: Wash with plenty of water.

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According to Federal Register/Vol.77, No. 58

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container in accordance with all local, regional, national, and international regulations.

2.3 Other Hazards Not Contributing to the Classification: No data available

2.4 Unknown Acute Toxicity (GHS-US): <10 % of the mixture consists of ingredient(s) of unknown acute toxicity

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

Not applicable

3.2 Mixture

Hazardous components

Component	Concentration (weight)
Guaiacol (CAS no.: 90-05-1)	
Eugenol (CAS no.: 97-53-0)	
Oil, peppermint (CAS no.: 8006-90-4)	Proprietary
Oil, organum (CAS no.: 8007-11-2)	
Menthol (CAS no.: 89-78-1)	

SECTION 4 - FIRST AID MEASURES

4.1 Description of First Aid Measures

First Aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice. Show this safety data sheet to the doctor in attendance.

First Aid Measures After Inhalation: Not normally required. If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Firs Aid Measures After Skin Contact: Wash with plenty of water. Call a poison center or doctor if irritation or rash develops or persists.

First Aid Measures After Eye Contact: In case of contact, immediately flush with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical

attention if irritation persists.

First Aid Measures After Ingestion: Seek medical attention if you feel unwell. Rinse mouth. Do not induce vomiting.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

If inhaled	No adverse effects are normally expected.
In case of skin contact	Causes skin irritation. May cause an allergic skin reaction. Signs/symptoms may include localized redness, swelling, itching, rash and hives.
In case of eye contact	Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	Harmful if swallowed. May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Treat symptomatically. If medical advice is needed, have product container or label at hand.

SECTION 5 - FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special Hazards Arising From the Mixture:

Fire Hazard: Not classified as flammable.

Explosion Hazard: Product is not explosive.

Reactivity: No data available.

Hazardous combustion products: Carbon oxides and other hazardous fumes and gases.

5.3 Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Other information: Refer to Section 9 for flammability properties.

SECTION 6 - ACCIDENTAL RELEASE MEASURES**6.1 Personal Precautions, Protective Equipment, and Emergency Procedures:**

General Measures: Avoid contact with skin and eyes. Avoid breathing gas, mist, vapors, spray. Do not allow product to spread into the environment. Keep away from all sources of ignition (no smoking, flares, sparks or flames).

6.1.1 For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedure: Evacuate unnecessary personnel.

6.1.2 For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

6.2 Environmental Precautions

Prevent entry to sewers and public waters.

6.3 Methods and Material for Containment and Cleaning Up

For Containment: Soak up with inert absorbent material and dispose of in accordance with federal and local waste regulations. Keep in suitable, closed containers for disposal.

Methods for Cleaning Up: Use water and detergent to remove from surfaces if necessary. Dispose in appropriate containers according to federal and local waste regulations

6.4 Reference to Other Sections:

See Section 8 for exposure controls and personal protection.

See Section 13 for disposal

SECTION 7 - HANDLING AND STORAGE**7.1 Precautions for Safe Handling:**

Handle in accordance with good industrial hygiene and safety practice. Avoid breathing mist/vapors/spray. Avoid contact with skin and eyes. Wash hands with soap and water after handling. For personal protection see section 8. For precautions see section 2.

7.2 Conditions for Safe Storage, Including Incompatibilities

Storage conditions: Store in original container. Store in a dry, cool and well-ventilated place. Keep container tightly closed. Keep away from sources of ignition. Keep out of reach of children.

Incompatible Products: Strong acids, strong bases, strong oxidizers.

7.3 Specific End Use(s)

See section 1.2.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control Parameters**

Contains no substances with occupational exposure limit values at levels requiring disclosure by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

8.2 Exposure Controls

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Handle in accordance with good industrial hygiene and safety practice. Wash hands

before breaks and at the end of workday.

Personal Protective Equipment:

Eyes/Face

Wear safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin

Wear protective gloves. Consult manufacturer specifications for further information.

Respiratory

No protective equipment is needed under normal use conditions. Where risk assessment shows air-purifying respirators are appropriate use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Environmental Exposure Controls: Do not allow the product to be released into the environment.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Appearance: Pale yellow to yellow liquid

Odor: Characteristic eugenol odor

Odor Threshold: No data available.

Physical State: Liquid.

pH: No data available.

Flashpoint: No data available.

Evaporation Rate: No data available.

Decomposition Temperature: No data available

Partition coefficient: n-octanol/water: No data available.

Auto-ignition temperature: No data available.

Specific Gravity: 1.00-1.20

Melting Point: No data available.

Freezing Point: No data available.

Initial boiling point and boiling range: No data available.

Vapor Pressure (mm Hg): No data available.

Solubility in Water: No data available.

Vapor Density: No data available.

Relative Density: No data available.

Upper/lower flammability or explosive limits: No data available.

Flammability (solid, gas): Not applicable.

Viscosity: No data available.

9.2 Other Information: None

SECTION 10- STABILITY AND REACTIVITY

10.1 Reactivity: The product is non-reactive under normal conditions of use.

10.2 Chemical stability: Stable under recommended storage conditions.

10.3 Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

10.4 Conditions to Avoid: No data available.

10.5 Incompatible Materials: Strong acids, strong bases, strong oxidizers.

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

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

If inhaled

No adverse effects are normally expected.

In case of skin contact	Causes skin irritation. May cause an allergic skin reaction. Signs/symptoms may include localized redness, swelling, itching, rash and hives.
In case of eye contact	Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	Harmful if swallowed. May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea

Acute Toxicity: Harmful if swallowed.

Guaiacol (CAS no.: 90-05-1)

LD50 (oral, rat) – 621 mg/kg

LD50 (skin, rabbit) – 4600 mg/kg

Eugenol (CAS no.: 97-53-0)

LD50 (oral, rat) – > 2000 mg/kg

LD50 (oral, mouse) – > 1500 mg/kg

LC50 (inhalation, rat) – > 2.6 mg/L air /4H

Oil, peppermint (CAS no.: 8006-90-4)

LD50 (oral, rat) – 2426 mg/kg

Oil, organum (CAS no.: 8007-11-2)

LD50 (oral, rat) – 1850 mg/kg

Menthol (CAS no.: 89-78-1)

LD50 (oral, rat) – > 2000 mg/kg

LD50 (skin, rabbit) – > 5000 mg/kg

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:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (Single Exposure): No data available
Specific Target Organ Toxicity (Repeated Exposure): No data available
Aspiration Hazard: Not classified.

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Toxicity

No data available

12.2 Persistence and Degradability

No data available

12.3 Bioaccumulative Potential

No data available

12.4 Mobility in Soil

No data available

12.5 Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology – Waste Materials: Avoid release to the environment.

SECTION 14 - TRANSPORT INFORMATION

DOT (US)	Not Regulated
TDG	Not Regulated
MEX	Not Regulated
ICAO	Not Regulated
IATA	Not Regulated
IMDG/IMO	Not Regulated
RID	Not Regulated
ADR	Not Regulated
ADN	Not Regulated

SECTION 15 - REGULATORY INFORMATION

15.1 U.S. Federal Regulations

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards:

Acute Health Hazard

SECTION 16 - OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Issue Date: July 20, 2023

HMIS Rating

Health hazard: 2

Flammability: 1

Physical Hazard 0

NFPA Rating

Health hazard: 2

Fire Hazard: 1

Reactivity Hazard: 0

DISCLAIMER: This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Filltech USA, LLC to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Filltech USA, LLC assumes no responsibility for injury to the recipient or third persons or for any damage to any property resulting from misuse of the product.

SECTION 1 - IDENTIFICATION

1.1 Product Identifier

Finished Product Name: Orca Oral Pain Reliever Putty

1.2 Intended Use of the Product

To be used as oral pain reliever.

1.3 Name, Address, and Telephone of the Responsible Party:

Filltech USA, LLC
 380 Palmer Rd
 Rockwell, NC 28138
 1.704.279.4300 Phone
 1.704.279.4356 Fax

1.4 Emergency & Information Numbers:

+1 800-424-9300 Chemtrec (North America) 24/7
 +1 703-527-3887 Chemtrec (International) 24/7

Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving the product.

SECTION 2 – HAZARDS IDENTIFICATION

2.1 Classification of the Mixture

Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
 - Sensitization, skin, Cat. 1

2.2 Label Elements



Signal word Warning

Hazard Statements (GHS-US):

H317 May cause an allergic skin reaction

Precautionary Statements (GHS-US):

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
 P272 Contaminated work clothing must not be allowed out of the workplace.
 P280 Wear protective gloves.
 P302+P352 IF ON SKIN: Wash with plenty of water
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P363 Wash contaminated clothing before reuse.

2.3 Other Hazards Not Contributing to the Classification: No data available

2.4 Unknown Acute Toxicity (GHS-US): Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

Not applicable

3.2 Mixture

Hazardous components

Component	Concentration (weight)
Eugenol (CAS no.: 97-53-0)	

Cinnamomum Zeylanicum Bark Oil (CAS no.: 8015-91-6)

Menthol (CAS no.: 89-78-1)

Guaiacol (CAS no.: 90-05-1)

Proprietary

Melaleuca Alternifolia (Tea Tree) Leaf Oil (CAS no.: 68647-73-4)

Elettaria Cardamomum Seed Oil (CAS no.: 8000-66-6)

SECTION 4 - FIRST AID MEASURES

4.1 Description of First Aid Measures

First Aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice. Show this safety data sheet to the doctor in attendance.

First Aid Measures After Inhalation: Not normally required. If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

First Aid Measures After Skin Contact: Wash with plenty of water. Call a poison center or doctor if irritation or rash develops or persists.

First Aid Measures After Eye Contact: In case of contact, immediately flush with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.

First Aid Measures After Ingestion: Seek medical attention if you feel unwell. Rinse mouth. Do not induce vomiting.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

If inhaled	No adverse effects are normally expected.
In case of skin contact	May cause an allergic skin reaction. Signs/symptoms may include localized redness, swelling, itching, rash and hives.
In case of eye contact	May cause mild eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Treat symptomatically. If medical advice is needed, have product container or label at hand.

SECTION 5 - FIRE FIGHTING MEASURES**5.1 Extinguishing Media:****Suitable Extinguishing Media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special Hazards Arising From the Mixture:

Fire Hazard: Not classified as flammable.

Explosion Hazard: Product is not explosive.

Reactivity: No data available.

Hazardous combustion products: Carbon oxides and other hazardous fumes and gases.

5.3 Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Other information: Refer to Section 9 for flammability properties.

SECTION 6 - ACCIDENTAL RELEASE MEASURES**6.1 Personal Precautions, Protective Equipment, and Emergency Procedures:**

General Measures: Avoid contact with skin and eyes. Do not allow product to spread into the environment. Keep away from all sources of ignition (no smoking, flares, sparks or flames).

6.1.1 For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedure: Evacuate unnecessary personnel.

6.1.2 For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

6.2 Environmental Precautions

Prevent entry to sewers and public waters.

6.3 Methods and Material for Containment and Cleaning Up

For Containment: Soak up with inert absorbent material and dispose of in accordance with federal and local waste regulations. Keep in suitable, closed containers for disposal.

Methods for Cleaning Up: Use water and detergent to remove from surfaces if necessary. Dispose in

appropriate containers according to federal and local waste regulations	
6.4 Reference to Other Sections: See Section 8 for exposure controls and personal protection. See Section 13 for disposal	
SECTION 7 - HANDLING AND STORAGE	
7.1 Precautions for Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid breathing mist/vapors/spray. Avoid contact with skin and eyes. Wash hands with soap and water after handling. For personal protection see section 8. For precautions see section 2.	
7.2 Conditions for Safe Storage, Including Incompatibilities Storage conditions: Store in original container. Store in a dry, cool and well-ventilated place. Keep container tightly closed. Keep away from sources of ignition. Keep out of reach of children. Incompatible Products: None known.	
7.3 Specific End Use(s) See section 1.2.	
SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1 Control Parameters Contains no substances with occupational exposure limit values at levels requiring disclosure by the OSHA Hazard Communication Standard (29 CFR 1910.1200).	
8.2 Exposure Controls Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Personal Protective Equipment: Eyes/Face Wear safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin Wear protective gloves. Consult manufacturer specifications for further information. Respiratory No protective equipment is needed under normal use conditions. Where risk assessment shows air-purifying respirators are appropriate use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Environmental Exposure Controls: Do not allow the product to be released into the environment.	
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES	
9.1 Information on Basic Physical and Chemical Properties	
Appearance: Tan thick sticky putty	Melting Point: No data available.
Odor: Characteristic eugenol odor	Freezing Point: No data available.
Odor Threshold: No data available.	Initial boiling point and boiling range: No data available.
Physical State: Thick liquid.	Vapor Pressure (mm Hg): No data available.
pH: No data available.	

Flashpoint: No data available.
Evaporation Rate: No data available.
Decomposition Temperature: No data available
Partition coefficient: n-octanol/water: No data available.
Auto-ignition temperature: No data available.
Specific Gravity: No data available.

Solubility in Water: No data available.
Vapor Density: No data available.
Relative Density: No data available.
Upper/lower flammability or explosive limits: No data available.
Flammability (solid, gas): Not applicable.
Viscosity: No data available.

9.2 Other Information: None

SECTION 10- STABILITY AND REACTIVITY

10.1 Reactivity: The product is non-reactive under normal conditions of use.
10.2 Chemical stability: Stable under recommended storage conditions.
10.3 Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
10.4 Conditions to Avoid: No data available.
10.5 Incompatible Materials: Strong acids, strong bases, strong oxidizers.
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

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

If inhaled	No adverse effects are normally expected.
In case of skin contact	May cause an allergic skin reaction. Signs/symptoms may include localized redness, swelling, itching, rash and hives.
In case of eye contact	May cause mild eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Acute Toxicity: Not classified
 Components:

Eugenol (CAS no.: 97-53-0)
 LD50 (oral, rat) – > 2000 mg/kg
 LD50 (oral, mouse) – > 1500 mg/kg
 LC50 (inhalation, rat) – > 2.6 mg/L air /4H

Cinnamomum Zeylanicum Bark Oil (CAS no.: 8015-91-6)
 LD50 (oral) – 3800 mg/kg
 LD50 (skin) – 700 mg/kg

Menthol (CAS no.: 89-78-1)
 LD50 (oral, rat) – > 2000 mg/kg
 LD50 (skin, rabbit) – > 5000 mg/kg

Guaiacol (CAS no.: 90-05-1)
 LD50 (oral, rat) – 621 mg/kg
 LD50 (skin, rabbit) – 4600 mg/kg

Skin Corrosion/Irritation: Not classified
Serious Eye Damage/Irritation: Not classified
Respiratory or Skin Sensitization: May cause an allergic skin reaction
Germ Cell Mutagenicity: Not classified

Carcinogenicity:
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (Single Exposure): No data available
Specific Target Organ Toxicity (Repeated Exposure): No data available
Aspiration Hazard: Not classified.

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Toxicity
 No data available

12.2 Persistence and Degradability
 No data available

12.3 Bioaccumulative Potential
 No data available

12.4 Mobility in Soil
 No data available

12.5 Other Adverse Effects
Other Information: Avoid release to the environment.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods
Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.
Ecology – Waste Materials: Avoid release to the environment.

SECTION 14 - TRANSPORT INFORMATION

DOT (US)	Not Regulated
TDG	Not Regulated
MEX	Not Regulated

ICAO	Not Regulated
IATA	Not Regulated
IMDG/IMO	Not Regulated
RID	Not Regulated
ADR	Not Regulated
ADN	Not Regulated

SECTION 15 - REGULATORY INFORMATION

15.1 U.S. Federal Regulations
SARA 302 Components
 SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components
 SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards:
 Acute Health Hazard

SECTION 16 - OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Issue Date: July 20, 2023

HMIS Rating
 Health hazard: 2
 Flammability: 1
 Physical Hazard 0

NFPA Rating
 Health hazard: 2
 Fire Hazard: 1
 Reactivity Hazard: 0

DISCLAIMER: This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Filltech USA, LLC to be dependable and is accurate to the best of the Company’s knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

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