

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture
Product Name: Orthodontic Wax (Mint w/Aloe Vera & Vitamin E)
Product Code: See Attachment 1
Synonyms: Ortho wax

1.2. Intended Use of the Product

Use of the Substance/Mixture: Orthodontic wax adheres to appliances to help relieve irritated tissue.

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

Company
 Sunstar Americas, Inc.
 301 E. Central Road
 Schaumburg, IL 60195
 847-794-4400
www.gumbrand.com

1.4. Emergency Telephone Number

Emergency Number : 1-800-752-7869 (within US) or 1-312-906-6194 (outside US)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US Classification
 Skin sensitization, Category 1 H317

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US) : 

Signal Word (GHS-US) : Warning

Hazard Statements (GHS-US) : H317 - May cause an allergic skin reaction.

Precautionary Statements (GHS-US) : P272 - Contaminated work clothing must not be allowed out of the workplace.
 P280 - Wear protective gloves, protective clothing, and eye protection.
 P302+P352 - If on skin: Wash with plenty of water.
 P321 - Specific treatment (see section 4 on this SDS).
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
 P363 - Wash contaminated clothing before reuse.
 P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

Supplemental Information : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Proper grounding procedures to avoid static electricity should be followed.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Synonyms	Product Identifier	%	GHS US classification
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<p>Paraffin waxes and Hydrocarbon waxes, microcrystalline</p>	<p>Paraffin waxes and hydrocarbon waxes, microcrystalline (A complex combination of long, branched chain hydrocarbons obtained from residual oils by solvent crystallization. It consists predominantly of saturated straight and branched chain hydrocarbons predominantly >C35.) / MICROCRYSTALLINE WAX / Petroleum wax / microcrystalline wax / Be square 195 white and amber / Hydrocarbon waxes, microcrystalline / CERA MICROCRISTALLINA / Paraffin waxes and hydrocarbon waxes, microcrystalline / AL-3 / Wax, microcrystalline / Microcrystalline wax</p>	<p>(CAS-No.) 63231-60-7</p>	<p>57.02</p>	<p>Comb. Dust</p>
<p>Hydrocarbon waxes, petroleum, clay-treated microcrystalline</p>	<p>Petroleum wax, clay-treated, microcrystalline / Hydrocarbon waxes (petroleum), clay-treated microcrystalline / Hydrocarbon waxes (petroleum) clay-treated microcrystalline / Hydrocarbon waxes, petroleum, clay-treated microcrystalline (A complex combination of hydrocarbons obtained by treatment of a petroleum microcrystalline wax fraction with natural or modified clay in either a contacting or percolation process to remove the trace amounts of polar compounds and impurities present. It consists predominantly of long branched chain hydrocarbons having carbon numbers predominantly in the range of C25-50.) / Hydrocarbon waxes, clay-treated microcrystalline (petroleum) / Hydrocarbon waxes, petroleum, clay treated microcrystalline / Hydrocarbon waxes (petroleum), clay-treated, microcrystalline</p>	<p>(CAS-No.) 64742-42-3</p>	<p>22.88</p>	<p>Not classified</p>
<p>Beeswax</p>	<p>Beeswax (The wax obtained from the honeycomb of the bee. It consists primarily of myricyl palmitate, cerotic acid and esters and some high-carbon paraffins.) / Beeswax white / Beeswax yellow / Beeswax, white and yellow / Beeswax, white (Apis mellifera L.) / CERA ALBA / Beeswax absolute / Yellow beeswax / White wax / BEESWAX / Bees wax / white wax / Beeswax absolute (Apis mellifera L.) / Beeswax (yellow and white)</p>	<p>(CAS-No.) 8012-89-3</p>	<p>12.5</p>	<p>Not classified</p>

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Paraffin oils	Oil mist, mineral / Liquid paraffin / Mineral oil / Mineral oil mist / Mineral oil, white / Oil mist / Oil, mineral / Oils, paraffin / Paraffin oil / White mineral oil / Oil mist (mineral) / Oil mineral / Paraffin / KZ oil / Oil mist, refined mineral / PARAFFINUM LIQUIDUM / Mineral oils / Cutting oils / MINERAL OIL / Paraffinum liquidum	(CAS-No.) 8012-95-1	3	Asp. Tox. 1, H304 Aquatic Chronic 4, H413
Spearmint oil	Oils, spearmint / MENTHA VIRIDIS OIL / Oils, Mentha spicata / Spear-mint oil	(CAS-No.) 8008-79-5	0.777 – 1.295	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Aloe vera, extract	Oils, aloe vera / Aloe / Aloe vera extract / Aloe extract / Aloe vera, extract (Extractives and their physically modified derivatives such as tinctures, concretes, absolutes, essential oils, oleoresins, terpenes, terpene-free fractions, distillates, residues, etc., obtained from Aloe vera, Liliaceae.) / ALOE VERA EXTRACT / Aloe vera, extract / ALOE VERA CALLUS EXTRACT / ALOE VERA LEAF EXTRACT	(CAS-No.) 85507-69-3	1.005	Not classified
2H-1-Benzopyran-6-ol, 3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-	3,4-Dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-1-benzopyran-6-ol / .alpha.-Tocopherol, dl- / 2,5,7,8-Tetramethyl-2-(4,8,12-trimethyltridecyl)chroman-6-ol / Tocopherol, (.+)-.alpha.- / DL-.alpha.-Tocopherol / Racemic .alpha.-tocopherol / TOCOPHEROL / dl-.alpha.-Tocopherol / .alpha.-Tocopherol / 3,4-Dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-benzopyran-6-ol	(CAS-No.) 10191-41-0	1.005	Skin Sens. 1B, H317
Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)-	Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1R,2S,5R)-rel- / Menthol / Menthol, cis-1,3,trans-1,4- / Menthomenthol / Peppermint camphor / DL-Menthol / Racementhol / MENTHOL / dl-Menthol / 3-p-Menthanol / (.+)-Menthol / Menthol, racemic / (1R,2S,5R)-rel-5-Methyl-2-(1-methylethyl)cyclohexanol / rel-(1R,2S,5R)-2-Isopropyl-5-methylcyclohexanol / L-Menthol / racementhol	(CAS-No.) 89-78-1	0.518 – 0.6475	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 3, H402

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(-)-Carvone	l-Carvone / 2-Cyclohexen-1-one, 2-methyl-5-(1-methylethenyl)-, (R)- / L-p-Mentha-1(6),8-dien-2-one / p-Mentha-6,8-dien-2-one, (R)-(-) / 2-Cyclohexen-1-one, 2-methyl-5-(1-methylethenyl)-, (5R)- / (R)-Carvone / L-Carvone / CARVONE / l-p-Mentha-1(6),8-dien-2-one / laevo-Carvone / p-Mentha-6,8-dien-2-one / 2-Methyl-5-(1-methylethenyl)cyclohex-2-en-1-one / Carvone laevo / (5R)-2-Methyl-5-(1-methylethenyl)-2-cyclohexen-1-one / (R)-2-Methyl-5-(prop-1-en-2-yl)cyclohex-2-en-1-one / carvone, (-)-	(CAS-No.) 6485-40-1	0.259 – 0.518	Skin Sens. 1B, H317 Aquatic Acute 2, H401
Benzene, 1-methoxy-4-(1-propenyl)-, (E)-	trans-Anethole / (E)-Anethole / Benzene, 1-methoxy-4-(1E)-1-propenyl- / 1-Methoxy-4-(prop-1(trans)-enyl)benzene / Benzene, 1-methoxy-4-(1E)-1-propen-1-yl- / Anethole, trans- / trans-Methoxy-4-(1-propenyl)benzene / (E)-1-Methoxy-4-(prop-1-en-1-yl)benzene / Anethole	(CAS-No.) 4180-23-8	0.06475 – 0.259	Skin Sens. 1, H317 Aquatic Acute 2, H401
Cyclohexanone, 5-methyl-2-(1-methylethyl)-, trans-	Cyclohexanone, 5-methyl-2-(1-methylethyl)-, (2R,5S)-rel- / p-Menthan-3-one, trans- / p-Menthone / Menthone / trans-Menthone / trans-p-Menthan-3-one / (2R,5S)-rel-5-Methyl-2-(1-methylethyl)cyclohexanone / (.+.)-Menthone / MENTHONE / Menthone, (+/-)-	(CAS-No.) 89-80-5	0.06475 – 0.259	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
Cyclohexanone, 5-methyl-2-(1-methylethyl)-, cis-	Cyclohexanone, 5-methyl-2-(1-methylethyl)-, (2R,5R)-rel- / Cyclohexanone, 5-methyl-2-isopropyl-, cis- / DL-Isomenthone / Isomenthone / cis-p-Menthan-3-one / dl-Isomenthone / (2R,5R)-rel-5-Methyl-2-(1-methylethyl)cyclohexanone / ISOMENTHONE / Isomenthone, (+/-)-	(CAS-No.) 491-07-6	0.06475 – 0.259	Skin Irrit. 2, H315 Skin Sens. 1A, H317 Aquatic Chronic 3, H412
D-Limonene	Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- / Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (R)- / (R)-p-Mentha-1,8-diene / p-Mentha-1,8-diene, (R)-(+)- / (4R)-p-Mentha-1,8-diene / (4R)-1-Methyl-4-(1-methylethenyl)cyclohexene / Limonene, d- / d-Limonene / Limonene, D- / Menthadiene, 1,8(9)-p- / 1-Methyl-4-prop-1-en-2-yl-cyclohexene / (R)-1-Methyl-4-(1-methylethenyl)cyclohexene / d-LIMONENE / (R)-1-Methyl-4-(1-methylethenyl)cyclohex-1-ene / (R)-4-Isopropenyl-1-methylcyclohex-1-ene / LIMONENE / limonene, (+)- / d-limonene / Limonene	(CAS-No.) 5989-27-5	0.006475 – 0.0259	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412

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Benzene, 1-methoxy-4-(2-propenyl)-	1-Allyl-4-methoxybenzene / Benzene, 1-methoxy-4-(2-propen-1-yl)- / ALLYLANISOLE / p-Methoxyallylbenzene / 1-Methoxy-4-(2-propenyl)benzene / Isoanethole / Estragole / Anisole, p-allyl- / p-Allylmethoxybenzene / 4-Allylanisole / p-Allylanisole / 4-Allyl-1-methoxybenzene	(CAS-No.) 140-67-0	0.006475 – 0.0259	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 Muta. 2, H341 Carc. 2, H351
Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, [1R-(1R*,4E,9S*)]-	Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, [1R-(1R*,4E,9S*)]- / Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, [1R-(1R,4E,9)]- / Caryophyllene / 8-Methylene-4,11,11-(trimethyl)bicyclo(7.2.0)undec-4-ene / .beta.-Caryophyllene / Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, (1R,4E,9S)- / Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, [1R (1R,4E,9S)]- / 4,11,11-Trimethyl-8-methylenebicyclo(7.2.0)undec-4(trans)-ene / Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, [1R-(1R,4E,9S)]- / Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, [1R-(1R*,4E,9S*)]- / BETA-CARYOPHYLLENE	(CAS-No.) 87-44-5	0.00259 – 0.0259	Skin Sens. 1B, H317 Asp. Tox. 1, H304
.beta.-Pinene	Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene- / Pin-2(10)-ene / 2(10)-Pinene / Pseudopinene / 6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane / (-)-Pin-2(10)-ene / BETA-PINENES	(CAS-No.) 127-91-3	0.00259 – 0.006475	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
.alpha.-Pinene	(+)-.alpha.-Pinene / 2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene / 2-Pinene / Pin-2(3)-ene / Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	(CAS-No.) 80-56-8	0.00259 – 0.006475	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-phrases: see section 16

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 the label where possible).

First-aid Measures After Inhalation: Using proper respiratory protection, move the exposed person to fresh air at once. Encourage exposed person to cough, spit out, and blow nose to remove dust. Immediately call a poison center, physician, or emergency medical service.

First-aid Measures After Skin Contact: Remove contaminated clothing. Wash affected area with soap and water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists.

First-aid Measures After Eye Contact: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for at least 15 minutes. Obtain medical attention.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries: Skin sensitization.

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Symptoms/Injuries After Inhalation: Dust may be harmful or cause irritation.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: Repeated and prolonged exposure may cause an allergic skin reaction.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical. Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Combustible Dust.

Explosion Hazard: Dust explosion hazard in air.

Reactivity: Hazardous reactions will not occur under normal conditions.

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.

Hazardous Combustion Products: Under fire conditions this material may produce hazardous carbon dioxide (CO₂), carbon monoxide (CO), various low molecular weight hydrocarbons, and smoke. Nitrogen oxides. Sulfur oxides.

Other Information: Risk of dust explosion.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid breathing dust. Do not get in eyes, on skin, or on clothing. Avoid generating dust. Remove ignition sources. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

6.1.1. For Non-Emergency Personnel

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

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams. Avoid generation of dust during clean-up of spills.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Contact competent authorities after a spill. Use explosion proof vacuum during cleanup, with appropriate filter. Do not mix with other materials. Vacuum clean-up is preferred. If sweeping is required use a dust suppressant. Use only non-sparking tools.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations.

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust. Avoid creating or spreading dust. Keep away from heat, sparks, open flames, and hot surfaces. No smoking.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

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7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations. Avoid creating or spreading dust. Use explosion-proof electrical, ventilating, lighting equipment. Proper grounding procedures to avoid static electricity should be followed.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Oxidizers.

7.3. Specific End Use(s)

Orthodontic wax adheres to appliances to help relieve irritated tissue.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

D-Limonene (5989-27-5)		
USA AIHA	WEEL TWA [ppm]	30 ppm
.beta.-Pinene (127-91-3)		
USA ACGIH	ACGIH OEL TWA [ppm]	20 ppm (Turpentine and selected monoterpenes)
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen,dermal sensitizer
.alpha.-Pinene (80-56-8)		
USA ACGIH	ACGIH OEL TWA [ppm]	20 ppm (Turpentine and selected monoterpenes)
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen,dermal sensitizer
Paraffin oils (8012-95-1)		
USA ACGIH	ACGIH OEL TWA	5 mg/m ³ (excluding metal working fluids, highly & severely refined-inhalable particulate matter)
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen highly and severely refined,Suspected Human Carcinogen highly and severely refined
USA NIOSH	NIOSH REL (TWA)	5 mg/m ³
USA NIOSH	NIOSH REL (STEL)	10 mg/m ³
USA IDLH	IDLH	2500 mg/m ³
USA OSHA	OSHA PEL (TWA) [1]	5 mg/m ³

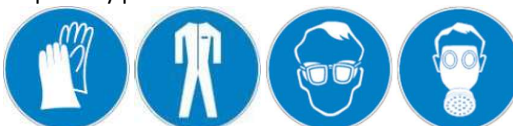
8.2. Exposure Controls

Appropriate Engineering Controls

: Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Use local exhaust or general dilution ventilation or other suppression methods to maintain dust levels below exposure limits. Power equipment should be equipped with proper dust collection devices. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment.

Personal Protective Equipment

: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing

Hand Protection

Eye and Face Protection

Skin and Body Protection

Respiratory Protection

: Chemically resistant materials and fabrics.

: Wear protective gloves.

: Chemical safety goggles.

: Wear suitable protective clothing.

: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information

: When using, do not eat, drink or smoke.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: White/translucent wax block
Odor	: Mint
Odor Threshold	: No data available
pH	: No data available
Evaporation Rate	: No data available
Melting Point	: 60 – 64 °C (140 – 147.2 °F)
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: No data available
Solubility	: No data available
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

9.2. Other Information

No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical Stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

10.4. Conditions to Avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials. Sparks, heat, open flame and other sources of ignition. Dust accumulation (to minimize explosion hazard).

10.5. Incompatible Materials

Oxidizers.

10.6. Hazardous Decomposition Products

None expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

Paraffin waxes and Hydrocarbon waxes, microcrystalline (63231-60-7)	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 3600 mg/kg
Hydrocarbon waxes, petroleum, clay-treated microcrystalline (64742-42-3)	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 3600 mg/kg
Spearmint oil (8008-79-5)	
LD50 Oral Rat	5 g/kg
ATE (Oral)	500.00 mg/kg body weight
Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- (89-78-1)	
LD50 Oral Rat	3180 mg/kg
LC50 Inhalation Rat	5289 mg/m ³ (Exposure time: 4 h)
ATE (Vapors)	5.29 mg/l/4h

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ATE (Dust/Mist)	5.29 mg/l/4h
(-)-Carvone (6485-40-1)	
LD50 Oral Rat	5400 mg/kg body weight
LD50 Dermal Rat	> 2000 mg/kg
Benzene, 1-methoxy-4-(1-propenyl)-, (E)- (4180-23-8)	
LD50 Oral Rat	2090 mg/kg
LD50 Dermal Rabbit	> 4900 mg/kg
LC50 Inhalation Rat	> 5.1 mg/l/4h
Cyclohexanone, 5-methyl-2-(1-methylethyl)-, trans- (89-80-5)	
LD50 Oral Rat	500 mg/kg
D-Limonene (5989-27-5)	
LD50 Oral Rat	4400 mg/kg
LD50 Dermal Rabbit	> 5 g/kg
Benzene, 1-methoxy-4-(2-propenyl)- (140-67-0)	
LD50 Oral Rat	1230 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg
.beta.-Pinene (127-91-3)	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg
.alpha.-Pinene (80-56-8)	
LD50 Oral Rat	> 500 mg/kg
LD50 Dermal Rat	> 5000 mg/kg
2H-1-Benzopyran-6-ol, 3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)- (10191-41-0)	
LD50 Oral Rat	> 4000 mg/kg
LD50 Dermal Rat	> 3000 mg/kg
Paraffin oils (8012-95-1)	
LD50 Oral Rat	> 24 g/kg
LC50 Inhalation Rat	2062 ppm/4h

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: Not classified

D-Limonene (5989-27-5)	
IARC group	3
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.
Aloe vera, extract (85507-69-3)	
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.
Paraffin oils (8012-95-1)	
IARC group	3

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Dust may be harmful or cause irritation.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: Repeated and prolonged exposure may cause an allergic skin reaction.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : Not classified.

Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- (89-78-1)

Orthodontic Wax (Mint w/Aloe Vera & Vitamin E)

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ErC50 (Algae)	16.2 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)
(-)-Carvone (6485-40-1)	
LC50 Fish 1	6.1 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])
ErC50 (Algae)	19 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata [Static])
Benzene, 1-methoxy-4-(1-propenyl)-, (E)- (4180-23-8)	
LC50 Fish 1	7 mg/l (Exposure time: 96 h - Species: Danio rerio)
EC50 - Crustacea [1]	4.25 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Cyclohexanone, 5-methyl-2-(1-methylethyl)-, trans- (89-80-5)	
LC50 Fish 1	20.973 mg/l
D-Limonene (5989-27-5)	
LC50 Fish 1	0.619 (0.619 – 0.796) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 - Crustacea [1]	0.421 mg/l
LC50 Fish 2	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
.beta.-Pinene (127-91-3)	
LC50 Fish 1	0.5 mg/l
.alpha.-Pinene (80-56-8)	
LC50 Fish 1	0.28 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 - Crustacea [1]	41 mg/l (Exposure time: 48 h - Species: Daphnia magna)
12.2. Persistence and Degradability	
Orthodontic Wax (Mint w/Aloe Vera & Vitamin E)	
Persistence and Degradability	Not established.
12.3. Bioaccumulative Potential	
Orthodontic Wax (Mint w/Aloe Vera & Vitamin E)	
Bioaccumulative Potential	Not established.
Paraffin waxes and Hydrocarbon waxes, microcrystalline (63231-60-7)	
Partition coefficient n-octanol/water (Log Pow)	> 6
Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- (89-78-1)	
BCF Fish 1	0.5 – 15
Partition coefficient n-octanol/water (Log Pow)	3.4 (at 37 °C (at pH 7.2))
(-)-Carvone (6485-40-1)	
Partition coefficient n-octanol/water (Log Pow)	2.74 (at 37 °C (at pH 7.2))
Cyclohexanone, 5-methyl-2-(1-methylethyl)-, trans- (89-80-5)	
Partition coefficient n-octanol/water (Log Pow)	2.295 (at 25 °C)
D-Limonene (5989-27-5)	
Partition coefficient n-octanol/water (Log Pow)	4.38 (at 37 °C (at pH 7.2))
Benzene, 1-methoxy-4-(2-propenyl)- (140-67-0)	
Partition coefficient n-octanol/water (Log Pow)	3.4 (at 35 °C (at pH 7))
Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, [1R-(1R*,4E,9S*)]- (87-44-5)	
Partition coefficient n-octanol/water (Log Pow)	6.23 (at 25 °C (at pH 7))
.alpha.-Pinene (80-56-8)	
Partition coefficient n-octanol/water (Log Pow)	4.1
Aloe vera, extract (85507-69-3)	
Partition coefficient n-octanol/water (Log Pow)	-2.58 (at 20 °C (at pH 7))

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12.4. Mobility in Soil

No additional information 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 contents/container in accordance with local, regional, national, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT

Not regulated for transport

14.2. In Accordance with IMDG

Not regulated for transport

14.3. In Accordance with IATA

Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

Orthodontic Wax (Mint w/Aloe Vera & Vitamin E)	
SARA Section 311/312 Hazard Classes	Health hazard - Respiratory or skin sensitization Physical hazard - Combustible dust
Paraffin waxes and Hydrocarbon waxes, microcrystalline (63231-60-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Beeswax (8012-89-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Hydrocarbon waxes, petroleum, clay-treated microcrystalline (64742-42-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Spearmint oil (8008-79-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- (89-78-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
(-)-Carvone (6485-40-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Benzene, 1-methoxy-4-(1-propenyl)-, (E)- (4180-23-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Cyclohexanone, 5-methyl-2-(1-methylethyl)-, trans- (89-80-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Cyclohexanone, 5-methyl-2-(1-methylethyl)-, cis- (491-07-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
D-Limonene (5989-27-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Benzene, 1-methoxy-4-(2-propenyl)- (140-67-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Bicyclo[7.2.0]undec-4-ene, 4,11,11-trimethyl-8-methylene-, [1R-(1R*,4E,9S*)]- (87-44-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
.beta.-Pinene (127-91-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
.alpha.-Pinene (80-56-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	

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2H-1-Benzopyran-6-ol, 3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)- (10191-41-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Paraffin oils (8012-95-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

15.2. US State Regulations

.alpha.-Pinene (80-56-8)
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List
Paraffin oils (8012-95-1)
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List

California Proposition 65



WARNING: This product can expose you to Benzene, 1-methoxy-4-(2-propenyl)-, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Chemical Name (CAS No.)	Carcinogenicity	Developmental Toxicity	Female Reproductive Toxicity	Male Reproductive Toxicity
Benzene, 1-methoxy-4-(2-propenyl)- (140-67-0)	X			

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

Date of Preparation or Latest Revision : 11/17/2023
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

GHS Full Text Phrases:

H226	Flammable liquid and vapor
H227	Combustible liquid
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
H341	Suspected of causing genetic defects
H351	Suspected of causing cancer
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
H413	May cause long lasting harmful effects to aquatic life

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.

SDS US (GHS HazCom)