

## Safety Data Sheet

### Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1 Product identifier

**Product Name** • **CND Shellac Nourishing Product Remover**  
**Synonyms** • Acetone mixture

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified use(s)** • Cosmetic Use

#### 1.3 Details of the supplier of the safety data sheet

**Manufacturer** • Creative Nail Design, Inc.  
 1125 Joshua Way  
 Vista, CA 92081  
 United States  
 www.cnd.com  
 deborah.waite@cnd.com  
**Telephone (General)** • +1 (760) 599-2900

#### 1.4 Emergency telephone number

**Manufacturer** • +1 (800) 424-9300 - CHEMTREC

### Section 2: Hazards Identification

#### EU/EEC

According to EU Directive 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]  
 According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

#### 2.1 Classification of the substance or mixture

**CLP** • Flammable Liquids 2 - H225  
 Eye Irritation 2 - H319  
 Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects - H336  
 EUH066  
**DSD/DPD** • Highly Flammable (F)  
 Irritant (Xi)  
 R11, R36, R66, R67

#### 2.2 Label Elements

CLP

**DANGER**



Hazard statements

- H225 - Highly flammable liquid and vapour
- H319 - Causes serious eye irritation
- H336 - May cause drowsiness or dizziness

EUH066 - Repeated exposure may cause skin dryness or cracking.

Precautionary statements

Prevention

- P210 - Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
- P233 - Keep container tightly closed.
- P235 - Keep cool.
- P241 - Use explosion-proof electrical/ventilating/lighting/equipment.
- P261 - Avoid breathing mist/vapours/spray.
- P264 - Wash thoroughly after handling.
- P271 - Use only outdoors or in a well-ventilated area.
- P280 - Wear eye/face protection.

Response

- P370+P378 - In case of fire: Use appropriate media water spray, alcohol -resistant foam, dry chemical, or Carbon dioxide (CO2) for extinction.
- P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
- P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 - If eye irritation persists: Get medical advice/attention.

Storage/Disposal

- P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
- P405 - Store locked up.
- P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD



Risk phrases

- R11 - Highly flammable.
- R36 - Irritating to eyes.
- R66 - Repeated exposure may cause skin dryness or cracking.
- R67 - Vapours may cause drowsiness and dizziness.

Safety phrases

- S2 - Keep out of reach of children.
- S9 - Keep container in a well ventilated place
- S16 - Keep away from sources of ignition - No Smoking.
- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

2.3 Other Hazards

CLP

- According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

DSD/DPD

- According to European Directive 1999/45/EC this preparation is considered dangerous.

**United States (US)**

According to OSHA GHS

2.1 Classification of the substance or mixture

OSHA HCS 2012

- Flammable Liquids 2 - H225
- Aspiration 1 - H304
- Eye Irritation 2 - H319
- Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation - H335
- Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects - H336

2.2 Label elements

OSHA HCS 2012

**DANGER**



Hazard statements	<ul style="list-style-type: none"> <li>Highly flammable liquid and vapour - H225</li> <li>May be fatal if swallowed and enters airways - H304</li> <li>Causes serious eye irritation - H319</li> <li>May cause respiratory irritation - H335</li> <li>May cause drowsiness or dizziness - H336</li> </ul>
Precautionary statements	
Prevention	<ul style="list-style-type: none"> <li>Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking. - P210</li> <li>Keep container tightly closed. - P233</li> <li>Keep cool. - P235</li> <li>Use explosion-proof electrical/ventilating/lighting/equipment. - P241</li> <li>Avoid breathing mist/vapours/spray. - P261</li> <li>Wash thoroughly after handling. - P264</li> <li>Use only outdoors or in a well-ventilated area. - P271</li> <li>Wear eye/face protection. - P280</li> </ul>
Response	<ul style="list-style-type: none"> <li>Do NOT induce vomiting. - P331</li> <li>In case of fire: Use appropriate media water spray, alcohol -resistant foam, dry chemical, or Carbon dioxide (CO<sub>2</sub>) for extinction for extinction. - P370+P378</li> <li>IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. - P304+P340</li> <li>Call a POISON CENTER or doctor/physician if you feel unwell. - P312</li> <li>IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. - P303+P361+P353</li> <li>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - P305+P351+P338</li> <li>If eye irritation persists: Get medical advice/attention. - P337+P313</li> <li>IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. - P301+P310</li> </ul>
Storage/Disposal	<ul style="list-style-type: none"> <li>Store in a well-ventilated place. Keep container tightly closed. - P403+P233</li> <li>Store locked up. - P405</li> <li>Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501</li> </ul>

### 2.3 Other hazards

#### OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

## Canada

### According to WHMIS

#### 2.1 Classification of the substance or mixture

##### WHMIS

- Flammable Liquids - B2
- Other Toxic Effects - D2B

#### 2.2 Label elements

##### WHMIS



- Flammable Liquids - B2
- Other Toxic Effects - D2B

#### 2.3 Other hazards

##### WHMIS

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

## 2.4 Other information

NFPA



See Section 12 for Ecological Information.

## Section 3 - Composition/Information on Ingredients

### 3.1 Substances

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

### 3.2 Mixtures

Hazardous Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments
Tocopheryl Acetate	CAS:7695-91-2 EINECS:231-710-0	1% TO 5%	NDA	EU DSD/DPD: Self Classified - Xi; R38 EU CLP: Self Classified - Skin Irrit. 2 H315 OSHA HCS 2012: Skin Irrit. 2	NDA
Macadamia tetraphylla oil	CAS:128497-20-1	1% TO 5%	NDA	EU DSD/DPD: Self Classified - Xi; R36/R37/R38 EU CLP: Self Classified - Skin Irrit. 2 H315, Eye Irrit. 2 H319, STOT SE 3: Resp. Irrit. H335 OSHA HCS 2012: Eye Irrit. 2, Skin Irrit. 2, STOT SE 3, Resp. Irrit.	NDA
Acetone	CAS:67-64-1 EC Number:200-662-2 UN:UN1090	> 60%	Inhalation-Rat LC50 · 50100 mg/m <sup>3</sup> 8 Hour(s) Ingestion/Oral-Rat LD50 · 5800 mg/kg	EU DSD/DPD: Annex I - F; R11, Xi; R36, R66, R67 EU CLP: Annex VI - Flam. Liq. 2, H225: Eye Irrit. 2, H319; STOT SE 3: Narc, H336; EUH066 OSHA HCS 2012: Flam. Liq. 2, Eye Irrit. 2, STOT SE 3: Resp. Irrit. & Narc., Asp. 1	NDA
Linalool	CAS:78-70-6 EINECS:201-134-4	< 0.1%	Skin-Rabbit LD50 · 5610 mg/kg Ingestion/Oral-Rat LD50 · 2790 mg/kg	EU DSD/DPD: Self Classified - Xi; R36/R38; R67 EU CLP: Self Classified - Skin Irrit. 2 H315, Eye Irrit. 2 H319, STOT SE 3: Narc. H336 OSHA HCS 2012: Eye Irrit. 2, Skin Irrit. 2; STOT SE 3: Narc.	NDA
Hexyl cinnamal	CAS:101-86-0 EINECS:202-983-3	< 0.1%	Ingestion/Oral-Rat LD50 · 3100 mg/kg	EU DSD/DPD: Not Classified - Data Lacking EU CLP: Not Classified - Data Lacking OSHA HCS 2012: Not Classified - Data Lacking	NDA
Salicylic acid, benzyl ester	CAS:118-58-1 EINECS:204-262-9	< 0.1%	Ingestion/Oral-Rat LD50 · 2227 mg/kg	EU DSD/DPD: Self Classified - Xi; R43 EU CLP: Self Classified - Skin Sens. 1B H317 OSHA HCS 2012: Skin Sens. 1B	NDA

See Section 11 for Toxicological Information.

## Section 4 - First Aid Measures

### 4.1 Description of first aid measures

- Inhalation**
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. Call a physician immediately.
- Skin**
- Remove contaminated clothing and wash clothing before reuse. Flush the contaminated area of body with soap and large amounts of water. If irritation develops and persists, get medical attention.
- Eye**
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Ingestion**
- If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

### 4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

### 4.3 Indication of any immediate medical attention and special treatment needed

- Notes to Physician**
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## Section 5 - Firefighting Measures

### 5.1 Extinguishing media

- Suitable Extinguishing Media**
- In case of fire use: water spray, alcohol -resistant foam, dry chemical, or carbon dioxide (CO<sub>2</sub>)
- Unsuitable Extinguishing Media**
- No data available

### 5.2 Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**
- HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames. Containers may explode when heated. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back.
- Hazardous Combustion Products**
- Carbon oxides and nitrogen oxides.

### 5.3 Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA). Move containers from fire area if you can do it without risk. LARGE FIRES: Cool containers with flooding quantities of water until well after fire is out.

## Section 6 - Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- Personal Precautions**
- Ventilate the area. Do not touch or walk through spilled material. Do not breathe

mist/vapours/spray.

## Emergency Procedures

- Ventilate closed spaces before entering. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area)

## 6.2 Environmental precautions

- Avoid release to the environment.

## 6.3 Methods and material for containment and cleaning up

### Containment/Clean-up Measures

- Small spills (<1.0 L): Wipe up with paper towels or other towel and place in trash can for later disposal.

## 6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

## Section 7 - Handling and Storage

### 7.1 Precautions for safe handling

#### Handling

- Keep away from fire - No Smoking. Keep away from heat and sparks. Use only in well ventilated areas. Keep container closed when not in use. Avoid contact with eyes. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. For professional use only.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage

- Store in a cool, dry, well-ventilated place. Store locked up. This product should not be stored higher than waist level. Keep away from children at all times!

### 7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

## Section 8 - Exposure Controls/Personal Protection

### 8.1 Control parameters

Exposure Limits/Guidelines						
	Result	ACGIH	Australia	Canada Ontario	Canada Quebec	Germany DFG
Acetone (67-64-1)	STELs	750 ppm STEL	1000 ppm STEL; 2375 mg/m <sup>3</sup> STEL	750 ppm STEL	1000 ppm STEV; 2380 mg/m <sup>3</sup> STEV	Not established
	TWAs	500 ppm TWA	500 ppm TWA; 1185 mg/m <sup>3</sup> TWA	500 ppm TWA	500 ppm TWAEV; 1190 mg/m <sup>3</sup> TWAEV	Not established
	Ceilings	Not established	Not established	Not established	Not established	1000 ppm Peak; 2400 mg/m <sup>3</sup> Peak
	MAKs	Not established	Not established	Not established	Not established	500 ppm TWA MAK; 1200 mg/m <sup>3</sup> TWA MAK
Exposure Limits/Guidelines (Con't.)						
	Result	Germany TRGS	NIOSH	OSHA		
Acetone (67-64-1)	TWAs	500 ppm TWA AGW (exposure factor 2); 1200 mg/m <sup>3</sup> TWA AGW (exposure factor 2)	250 ppm TWA; 590 mg/m <sup>3</sup> TWA	1000 ppm TWA; 2400 mg/m <sup>3</sup> TWA		

### Exposure Control Notations

#### Germany DFG

•Acetone (67-64-1): **Pregnancy:** (classification not yet possible)

## 8.2 Exposure controls

### Engineering Measures/Controls

- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### Personal Protective Equipment

#### Pictograms



#### Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment.

#### Eye/Face

- Wear eye/face protection -safety glasses with side-shields or goggles.

#### Skin/Body

- Wear protective gloves .

### General Industrial Hygiene Considerations

- Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

### Environmental Exposure Controls

- Follow best practice for site management and disposal of waste. Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

#### Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

STEL = Short Term Exposure Limits are based on 15-minute exposures

NIOSH = National Institute of Occupational Safety and Health

STEV = Short Term Exposure Value

OSHA = Occupational Safety and Health Administration

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

MAK = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration

## Section 9 - Physical and Chemical Properties

### 9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Clear, light yellow liquid with a slight cucumber odor.
Color	Light Yellow.	Odor	Slight Cucumber.
Taste	Data lacking	Particulate Type	Not relevant
Particulate Size	Not relevant	Aerosol Type	Not relevant
Odor Threshold	Data lacking	Physical and Chemical Properties	Data lacking
General Properties			
Boiling Point	56.2 C(133.16 F) Acetone	Melting Point	Not relevant
Decomposition Temperature	Data lacking	Heat of Decomposition	Data lacking
pH	Not relevant	Specific Gravity/Relative Density	0.7972 Water=1 Acetone
Density	6.6566 lbs/gal Acetone	Bulk Density	Data lacking

<b>Water Solubility</b>	Moderately soluble	<b>Solvent Solubility</b>	Data lacking
<b>Viscosity</b>	0.4 Centistoke (cSt, cS) or mm <sup>2</sup> /sec @ 20 C(68 F) Acetone	<b>Explosive Properties</b>	Not relevant.
<b>Oxidizing Properties:</b>	Not relevant.		
<b>Volatility</b>			
<b>Vapor Pressure</b>	Data lacking	<b>Vapor Density</b>	> 2 Air=1
<b>Evaporation Rate</b>	Data lacking	<b>VOC (Wt.)</b>	Data lacking
<b>VOC (Vol.)</b>	Data lacking	<b>Volatiles (Wt.)</b>	Data lacking
<b>Volatiles (Vol.)</b>	Data lacking		
<b>Flammability</b>			
<b>Flash Point</b>	-18 C(-0.4 F) Acetone	<b>UEL</b>	Data lacking
<b>LEL</b>	Data lacking	<b>Autoignition</b>	Data lacking
<b>Self-Accelerating Decomposition Temperature (SADT)</b>	Data lacking	<b>Heat of Combustion (<math>\Delta H_c</math>)</b>	Data lacking
<b>Burning Time</b>	Data lacking	<b>Flame Duration</b>	Data lacking
<b>Flame Height</b>	Data lacking	<b>Flame Extension</b>	Data lacking
<b>Ignition Distance</b>	Data lacking	<b>Flammability (solid, gas)</b>	Not relevant.
<b>Environmental</b>			
<b>Half-Life</b>	Data lacking	<b>Octanol/Water Partition coefficient</b>	Data lacking
<b>Coefficient of water/oil distribution</b>	Data lacking	<b>Bioaccumulation Factor</b>	Data lacking
<b>Bioconcentration Factor</b>	Data lacking	<b>Biochemical Oxygen Demand BOD/BOD5</b>	Data lacking
<b>Chemical Oxygen Demand</b>	Data lacking	<b>Persistence</b>	Data lacking
<b>Degradation</b>	Data lacking		

## 9.2 Other Information

- No additional physical and chemical parameters noted.

## Section 10: Stability and Reactivity

### 10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

- Stable under normal temperatures and pressures.

### 10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

### 10.4 Conditions to avoid

- Keep away from heat, sparks, and flame.

### 10.5 Incompatible materials

- Strong oxidizing agents, nitrates, strong acids and bases.



## 10.6 Hazardous decomposition products

- When involved in a fire, this product may ignite and decompose to form toxic gases (CO, CO<sub>2</sub>, NOX).

## Section 11 - Toxicological Information

### 11.1 Information on toxicological effects

Component Name	CAS	Data
Tocopheryl Acetate (1% TO 5%)	7695-91-2	<b>Reproductive:</b> orl-rat TDLo:500 mg/kg (1-22D preg)
Acetone (> 60%)	67-64-1	<b>Acute Toxicity:</b> orl-rat LD50:5800 mg/kg; ihl-rat LC50:50100 mg/m <sup>3</sup> ; <b>Irritation:</b> eye-rbt 20 mg SEV; skn-rbt 395 mg open MLD
Linalool (< 0.1%)	78-70-6	<b>Acute Toxicity:</b> orl-rat LD50:2790 mg/kg; <b>Irritation:</b> eye-rbt 0.1 mL/1H MOD; skn-gpg 100 mg/24H MOD
Hexyl cinnamal (< 0.1%)	101-86-0	<b>Acute Toxicity:</b> orl-rat LD50:4650 mg/kg; <b>Irritation:</b> skn-gpg 100 mg/24H SEV
Salicylic acid, benzyl ester (< 0.1%)	118-58-1	<b>Acute Toxicity:</b> orl-rat LD50:2227 mg/kg

GHS Properties	Classification
<b>Acute toxicity</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
<b>Aspiration Hazard</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Aspiration 1
<b>Carcinogenicity</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
<b>Germ Cell Mutagenicity</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
<b>Skin corrosion/Irritation</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
<b>Skin sensitization</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
<b>STOT-RE</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
<b>STOT-SE</b>	EU/CLP • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects OSHA HCS 2012 • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects; Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
<b>Toxicity for Reproduction</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
<b>Respiratory sensitization</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
<b>Serious eye damage/Irritation</b>	EU/CLP • Eye Irritation 2 OSHA HCS 2012 • Eye Irritation 2

#### Target Organs

- Central Nervous System (CNS)

#### Route(s) of entry/exposure

- Inhalation, Skin, Eye and Ingestion

#### Potential Health Effects

#### Inhalation

**Acute (Immediate)**

- May affect the central nervous system. Symptoms may include dizziness, drowsiness, lethargy, coma and death. May cause respiratory irritation.

**Chronic (Delayed)**

- Data lacking.

## Skin

**Acute (Immediate)**

- May cause mild irritation.

**Chronic (Delayed)**

- Repeated exposure may cause skin dryness or cracking.

## Eye

**Acute (Immediate)**

- Causes serious eye irritation.

**Chronic (Delayed)**

- Data lacking.

## Ingestion

**Acute (Immediate)**

- Material may be aspirated into the lungs during ingestion and/or subsequent vomiting. Aspiration of this material will cause severe lung injury, chemical pneumonitis, pulmonary edema or death.

**Chronic (Delayed)**

- Data lacking.

**Carcinogenic Effects**

- This product does not contain any ingredient designated by IARC, NTP or OSHA as probable or suspected human carcinogens.

**Section 12 - Ecological Information****12.1 Toxicity**

- Data lacking.

**12.2 Persistence and degradability**

- Data lacking.

**12.3 Bioaccumulative potential**

- Data lacking.

**12.4 Mobility in Soil**

- Data lacking.

**12.5 Results of PBT and vPvB assessment**

- PBT and vPvB assessment has not been conducted.

**12.6 Other adverse effects**

- No studies have been found.

**Section 13 - Disposal Considerations****13.1 Waste treatment methods****Product waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Packaging waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Section 14 - Transport Information**

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Limited Quantity (<1.0L) - Not Regulated	NDA	NDA	NDA
	UN1993	Flammable liquids, n.o.s. (Acetone) (>1.0L)	3	II	NDA
TDG	NDA	Limited Quantity (<1.0L) - Not Regulated	NDA	NDA	NDA
	UN1993	FLAMMABLE LIQUID, N.O.S. (Acetone) (>1.0L)	3	II	Potential Marine Pollutant
IMO/IMDG	NDA	Limited Quantity (<1.0L) - Not Regulated	NDA	NDA	NDA
	UN1993	FLAMMABLE LIQUID, N.O.S. (Acetone) (>1.0L)	3	II	NDA
IATA/ICAO	UN1993	Flammable liquids, n.o.s. (Acetone) (>0.5L)	3	II	NDA

**14.6 Special precautions for user** • No special precautions.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** • This product is provided only in non-bulk containers.

## Section 15 - Regulatory Information

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

**SARA Hazard Classifications** • Acute, Fire

State Right To Know				
Component	CAS	MA	NJ	PA
Tocopheryl Acetate	7695-91-2	No	No	No
Macadamia tetraphylla oil	128497-20-1	No	No	No
Acetone	67-64-1	Yes	Yes	Yes
Linalool	78-70-6	No	No	No
Hexyl cinnamal	101-86-0	No	No	No
Salicylic acid, benzyl ester	118-58-1	No	No	No

Inventory						
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS	TSCA
Tocopheryl Acetate	7695-91-2	Yes	No	Yes	No	Yes
Macadamia tetraphylla oil	128497-20-1	Yes	No	No	No	No
Acetone	67-64-1	Yes	No	Yes	No	Yes
Linalool	78-70-6	Yes	No	Yes	No	Yes
Hexyl cinnamal	101-86-0	Yes	No	Yes	No	Yes

Salicylic acid, benzyl ester	118-58-1	Yes	No	Yes	No	Yes
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## Australia

### Labor

#### Australia - Work Health and Safety Regulations - Hazardous Substances Requiring Health Monitoring

• Acetone	67-64-1	> 60%	Not Listed
• Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
• Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
• Linalool	78-70-6	< 0.1%	Not Listed
• Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
• Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

#### Australia - High Volume Industrial Chemicals List

• Acetone	67-64-1	> 60%	
• Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
• Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
• Linalool	78-70-6	< 0.1%	Not Listed
• Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
• Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

#### Australia - List of Designated Hazardous Substances - Classification

• Acetone	67-64-1	> 60%	F, Xi R11, R36, R66, R67
• Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
• Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
• Linalool	78-70-6	< 0.1%	Not Listed
• Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
• Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

### Environment

#### Australia - National Pollutant Inventory (NPI) Substance List

• Acetone	67-64-1	> 60%	10 tonne/yr Threshold category 1
• Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
• Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
• Linalool	78-70-6	< 0.1%	Not Listed
• Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
• Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

#### Australia - Ozone Protection Act - Scheduled Substances

• Acetone	67-64-1	> 60%	Not Listed
• Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed

• Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
• Linalool	78-70-6	< 0.1%	Not Listed
• Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
• Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

#### Australia - Priority Existing Chemical Program

• Acetone	67-64-1	> 60%	Not Listed
• Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
• Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
• Linalool	78-70-6	< 0.1%	Not Listed
• Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
• Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

## Canada

### Labor

#### Canada - WHMIS - Classifications of Substances

• Acetone	67-64-1	> 60%	B2, D2B
• Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
• Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
• Linalool	78-70-6	< 0.1%	Not Listed
• Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
• Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

#### Canada - WHMIS - Ingredient Disclosure List

• Acetone	67-64-1	> 60%	1 %
• Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
• Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
• Linalool	78-70-6	< 0.1%	Not Listed
• Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
• Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

### Environment

#### Canada - CEPA - Priority Substances List

• Acetone	67-64-1	> 60%	Not Listed
• Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
• Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
• Linalool	78-70-6	< 0.1%	Not Listed
• Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
• Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

## Europe

**Other****EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification**

• Acetone	67-64-1	> 60%	F; R11 Xi; R36 R66 R67
• Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
• Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
• Linalool	78-70-6	< 0.1%	Not Listed
• Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
• Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits**

• Acetone	67-64-1	> 60%	Not Listed
• Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
• Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
• Linalool	78-70-6	< 0.1%	Not Listed
• Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
• Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling**

• Acetone	67-64-1	> 60%	F Xi R:11-36-66-67 S:(2)-9-16-26
• Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
• Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
• Linalool	78-70-6	< 0.1%	Not Listed
• Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
• Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations**

• Acetone	67-64-1	> 60%	Not Listed
• Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
• Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
• Linalool	78-70-6	< 0.1%	Not Listed
• Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
• Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases**

• Acetone	67-64-1	> 60%	S:(2)-9-16-26
• Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
• Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
• Linalool	78-70-6	< 0.1%	Not Listed
• Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
• Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**United States****Labor****U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

● Acetone	67-64-1	> 60%	Not Listed
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**U.S. - OSHA - Specifically Regulated Chemicals**

● Acetone	67-64-1	> 60%	Not Listed
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**Environment****U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

● Acetone	67-64-1	> 60%	Not Listed
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities**

● Acetone	67-64-1	> 60%	5000 lb final RQ; 2270 kg final RQ
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities**

● Acetone	67-64-1	> 60%	Not Listed
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs**

● Acetone	67-64-1	> 60%	Not Listed
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs**

● Acetone	67-64-1	> 60%	Not Listed
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**U.S. - CERCLA/SARA - Section 313 - Emission Reporting**

● Acetone	67-64-1	> 60%	Not Listed
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing**

● Acetone	67-64-1	> 60%	Not Listed
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**U.S. - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII**

● Acetone	67-64-1	> 60%	Included in waste stream: F039
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**U.S. - RCRA (Resource Conservation & Recovery Act) - Constituents for Detection Monitoring**



● Acetone	67-64-1	> 60%	
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

#### U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents

● Acetone	67-64-1	> 60%	
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

#### U.S. - RCRA (Resource Conservation & Recovery Act) - Phase 4 LDR Rule - Universal Treatment Standards

● Acetone	67-64-1	> 60%	0.28 mg/L (wastewater); 160 mg/kg (nonwastewater)
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

#### U.S. - RCRA (Resource Conservation & Recovery Act) - TSD Facilities Ground Water Monitoring

● Acetone	67-64-1	> 60%	
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

#### U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics

● Acetone	67-64-1	> 60%	waste number U002 (Ignitable waste)
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

## United States - California

**Environment****U.S. - California - Proposition 65 - Carcinogens List**

● Acetone	67-64-1	> 60%	Not Listed
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**U.S. - California - Proposition 65 - Developmental Toxicity**

● Acetone	67-64-1	> 60%	Not Listed
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)**

● Acetone	67-64-1	> 60%	Not Listed
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)**

● Acetone	67-64-1	> 60%	Not Listed
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**U.S. - California - Proposition 65 - Reproductive Toxicity - Female**

● Acetone	67-64-1	> 60%	Not Listed
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

**U.S. - California - Proposition 65 - Reproductive Toxicity - Male**

● Acetone	67-64-1	> 60%	Not Listed
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

## United States - Pennsylvania

### Labor

#### U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

● Acetone	67-64-1	> 60%	
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

#### U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

● Acetone	67-64-1	> 60%	Not Listed
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

## United States - Rhode Island

### Labor

#### U.S. - Rhode Island - Hazardous Substance List

● Acetone	67-64-1	> 60%	Toxic; Flammable
● Tocopheryl Acetate	7695-91-2	1% TO 5%	Not Listed
● Salicylic acid, benzyl ester	118-58-1	< 0.1%	Not Listed
● Linalool	78-70-6	< 0.1%	Not Listed
● Hexyl cinnamal	101-86-0	< 0.1%	Not Listed
● Macadamia tetraphylla oil	128497-20-1	1% TO 5%	Not Listed

## 15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

## Section 16 - Other Information

- Last Revision Date**
- 12/July/2012
- Preparation Date**
- 12/July/2012
- Disclaimer/Statement of Liability**
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**Key to abbreviations**

NDA = No data available

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