



PHOENIX

Safety Data Sheet

This safety data sheet complies with the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Product code CED0013
Product name CEDARWOOD OIL CHINESE

Issue date 06-Oct-2016

Revision date 17-Jan-2020

Version 5

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Product code	CED0013
<i>Product name</i>	CEDARWOOD OIL CHINESE
REACH registration number	01-2120743168-52-0010
EC No.	285-360-9
CAS No	85085-29-6
Chemical Name	Cupressus funebris
Pure substance/mixture	Mixture
Contains alpha-Cedrene	

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

Sold to the general public?	No
Recommended Use	Industry Use

1.3. Details of the supplier of the safety data sheet

Supplier

Phoenix Aromas Europe Ltd.
Unit 2A Wyncolls Road
Severells Business Park
Colchester, Essex
CO4 9HU
Tel: (+44) 208 532 1022

For further information, please contact

Contact Point	Fred Wise
E-mail address	fwise@phoenixaromas.com

1.4. Emergency telephone number

Emergency telephone	CHEMTREC
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Emergency telephone - +1-703-741-5970	
Europe	CCN# 17256

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Aspiration toxicity	Category 1 - (H304)
Acute aquatic toxicity	Category 1 - (H400)
Chronic aquatic toxicity	Category 1 - (H410)

2.2. Label Elements**Product identifier**

Contains alpha-Cedrene

**Signal word**

Danger

Hazard statements

H304 - May be fatal if swallowed and enters airways

H410 - Very toxic to aquatic life with long lasting effects

H314 - Causes severe skin burns and eye damage

Precautionary Statements

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor

P331 - Do NOT induce vomiting

2.3. Other Hazards

H316 - Causes mild skin irritation

SECTION 3: Composition/information on ingredients

3.1 Substances**Chemical nature**

Essential oil.

Chemical Name	EC No.	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
alpha-Cedrene	Present	469-61-4	20 - <30	Aquatic Acute 1 (H400) (EFFA) Aspiration Tox. 1 (H304) (EFFA) Skin Irrit. 3 (H316) (EFFA) Aquatic Chronic 1 (H410) (EFFA)	No data available
Cedrol	Present	77-53-2	10 - <20	Aquatic Acute 2 (H401) (EFFA) Aquatic Chronic 2 (H411) (EFFA) Flam liq. 4 (H227)(EFFA)	No data available
beta-Cedrene	Present	546-28-1	1 - <10	Skin Irrit. 3 (H316)(EFFA) Aquatic Acute 1 (H400)(EFFA) Aquatic Chronic 1 (H410)(EFFA)	No data available

Full text of H- and EUH-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	If symptoms persist, call a physician.
Inhalation	Immediate medical attention is not required. If symptoms persist, call a physician. Move to fresh air in case of accidental inhalation of vapors or decomposition products.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. In case of burns, immediately cool affected skin for as long as possible with cold water. Immediate medical attention is not required. If skin irritation persists, call a physician.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician. Do NOT induce vomiting.
Self-protection of the first aider	Use personal protective equipment as required.

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

Symptoms None known.

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

Note to physicians Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media

Use Dry chemical Carbon dioxide (CO₂) Water spray (fog) Alcohol resistant foam

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire

5.2. Special hazards arising from the substance or mixture

Keep product and empty container away from heat and sources of ignition Risk of ignition

Hazardous combustion products Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with eyes and skin. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Wear protective gloves/protective clothing and eye/face protection. Avoid breathing vapors or mists. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take

precautionary measures against static discharges.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up**Methods for Containment**

Prevent further leakage or spillage if safe to do so. Cover with DRY earth, DRY sand or other non-combustible material followed with plastic sheet to minimize spreading or contact with rain.

Methods for cleaning up

Dam up. Use personal protective equipment as required. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Take precautionary measures against static discharges.

6.4. Reference to other sections

See Section 12: ECOLOGICAL INFORMATION.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Use with local exhaust ventilation. All equipment used when handling the product must be grounded. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

General hygiene considerations

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

7.2. Conditions for safe storage, including any incompatibilities**Storage Conditions**

Protect from sunlight. Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Keep in properly labeled containers.

7.3. Specific end use(s)**Risk Management Methods (RMM)**

The information required is contained in this Material Safety Data Sheet.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

8.2. Exposure controls

Engineering controls Showers
 Eyewash stations
 Ventilation systems

Personal Protective Equipment

Eye/Face Protection Wear safety glasses with side shields (or goggles). Tight sealing safety goggles.
Hand protection Wear protective nitrile rubber gloves.
Skin and Body Protection Wear suitable protective clothing. Suitable protective clothing. Wear chemical resistant clothing such as gloves, apron, boots or whole bodysuits made from neoprene, as appropriate. Antistatic footwear. Gloves made of plastic or rubber.
Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Environmental exposure controls Prevent product from entering drains.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	Liquid	Odor	Characteristic Odor
Appearance	Clear	Odor threshold	Not applicable
Color	Almost colorless to pale yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH		
Melting point / freezing point	-80 °C / -112 °F	
Boiling point / boiling range	257 °C / 495 °F	
Flash Point	> 93.3 °C / > 212 °F	
Evaporation Rate		
Flammability (solid, gas)		
Flammability Limit in Air		
Upper flammability limit:		
Lower flammability limit:		
Vapor pressure	0.0012kPa	(20°C)
Vapor Density		
Specific gravity	0.935 - 0.957	(25°C)
Water solubility	0.03 < 29.25 mg/L	(25°C)
solubility(ies)		
Partition coefficient	logKow - 4.33 < 7.04	
Autoignition Temperature	255 °C / 491 °F	
Decomposition temperature		
Kinematic viscosity		
Dynamic viscosity		
Explosive properties	Not an explosive	
Oxidizing properties	Not oxidising	

9.2. Other information

Molecular weight	Not applicable
VOC content (%)	78
Density	Not applicable
Bulk Density	Not applicable

SECTION 10: Stability and reactivity**10.1. Reactivity****10.2. Chemical stability**

Stable under recommended storage conditions.

Explosion data

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

10.3. Possibility of hazardous reactions**Possibility of Hazardous Reactions**

None under normal processing.

10.4. Conditions to avoid

Extremes of temperature and direct sunlight. Heat, flames and sparks.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

None under normal use conditions.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity****Product Information**

Harmful if inhaled.

Inhalation	Avoid breathing vapors or mists.
Eye Contact	Avoid contact with eyes.
Skin contact	Avoid contact with skin. Causes mild skin irritation.
Ingestion	May be fatal if swallowed and enters airways.

99.517 % of the mixture consists of ingredient(s) of unknown toxicity.
99.517 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
99.517 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
99.517 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
99.517 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
99.517 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Oral LD50 > 5,000 mg/kg

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Cedrol		> 5 g/kg (Rabbit)	

Skin corrosion/irritation	Causes severe burns.
Serious eye damage/eye irritation	Not classified.
Sensitization	Not expected to cause skin sensitization.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	This product does not contain any known or suspected reproductive hazards above the threshold value.
STOT - single exposure	Not classified.

STOT - repeated exposure	Not classified.
Aspiration hazard	May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

Very toxic to aquatic life with long lasting effects
61.174 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

12.2. Persistence and degradability

Readily biodegradable.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from Residues/Unused Products	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Do not reuse container.

SECTION 14: Transport information

IMDG

14.1 UN/ID no	3082
14.2 Proper Shipping Name	Environmentally Hazardous Substance, liquid n.o.s.
14.3 Hazard Class	9
14.4 Packing group	III
Description	(Cupressus funebris)
14.5 Marine pollutant	This product contains a chemical which is listed as a marine pollutant according to IMDG/IMO
Environmental hazard	Yes
14.6 Special Provisions	274, 335, 969
EmS-No	F-A, S-F
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	IBC02

RID

14.1 UN/ID no	3082
14.2 Proper Shipping Name	Environmentally Hazardous Substance, liquid n.o.s.
14.3 Hazard Class	9
14.4 Packing group	III
Description	(Cupressus funebris)
14.5 Environmental hazard	Yes
14.6 Special Provisions	None

ADR

14.1 UN/ID no	3082
14.2 Proper Shipping Name	Environmentally Hazardous Substance, liquid n.o.s.
14.3 Hazard Class	9
14.4 Packing group	III
Description	(Cupressus funebris)
14.5 Environmental hazard	Yes
14.6 Special Provisions	274, 335, 375, 601
Classification code	M6
Tunnel restriction code	(-)

ICAO (air)

14.1 UN/ID no	3082
14.2 Proper Shipping Name	Environmentally Hazardous Substance, liquid n.o.s.
14.3 Hazard Class	9
14.4 Packing group	III
Description	(Cupressus funebris)
14.5 Environmental hazard	Yes
14.6 Special Provisions	None

IATA

14.1 UN/ID no	3082
14.2 Proper Shipping Name	Environmentally Hazardous Substance, liquid n.o.s.
14.3 Hazard Class	9
14.4 Packing group	III
Description	(Cupressus funebris)
14.5 Environmental hazard	Yes
14.6 Special Provisions	A97, A158, A197
ERG Code	9L

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorization and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not applicable

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

Full text of H-Statements referred to under section 3

H227 - Combustible liquid

H304 - May be fatal if swallowed and enters airways

H316 - Causes mild skin irritation

H400 - Very toxic to aquatic life

H401 - Toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H411 - Toxic to aquatic life with long lasting effects

Key literature references and sources for data

Key Source: European Chemicals Agency, <http://echa.europa.eu>

Issue date	06-Oct-2016
Revision date	17-Jan-2020
Revision note	Not applicable.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Classification and labeling according to the IFRA/IOFI Labeling Manual 2019.

This material has not been tested or proven safe for inhalation. With this document, Phoenix LLC only attests to the safety of the product when used in the appropriate and suitable fragrance/flavor industry application.

End of Safety Data Sheet