

AKÖMA™

FROM THE HEART

MATERIAL SAFETY DATA SHEET

1 - Identification of Product and Supplier

Product Name: Cypress Essential Oil
Supplier: Akoma International (UK) LTD
Unit 9A Sawley Park
Nottingham Road
Derby
DE21 6AS
Tel: +44 (0) 1332 613 967

Emergency Contact: Mr. Wynn Mensah – Tel: 01332 613 967

2 - Hazards identification:

2.1 Classification of the substance or mixture

Classification (67/548/EEC) (Xn+N; R10-38-43-51/53-65, S24-36/37-61-62)
Classification (EU 1272/2008) UN-GHS: FL 3, AH 1, SCI 2, SS 1, EH A2,C2
EU-CLP: FL 3, AH 1, SCI 2, SS 1, EH A2,C2

2.2 Label elements

Label in accordance with Regulation (EC) No 1272/2008

GHS Label:



GHS02

GHS08

GHS07

GHS09

Signal word:

Danger

Contains

Pinenes, myrcene, delta-3-carene, terpinyl acetate, limonene, cedrol, germacrene D

Hazard Statements:

H226 Flammable liquid and vapour
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H411 Toxic to aquatic life with long-lasting effects

Precautionary Statements:

P262 Do not get in eyes, on skin or on clothing
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P331 Do NOT induce vomiting

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P273 Avoid release to the environment

Supplementary Precautionary

Statements:

P391 Collect spillage

Risk phrases and Safety phrases in full refer to Section 16 -- Other information

2.3 Other hazards

Adverse physio-chemical properties

Combustible but will not ordinarily self-ignite

Adverse effects on human health

May cause sensitisation by skin contact

3 - Composition and information on ingredients:

3.1 Substances

60% Pinenes UN-GHS: ATO 5(3700), SCI 2, SS 1

20% delta-3-Carene UN-GHS: ATO 5(4800); SCI 2; SS 1

5% Terpinyl acetate UN-GHS: SCI 3, EH A2, C2

2.5% Cedrol UN-GHS: SCI 3, EH A2, C2

2% Limonene UN-GHS: SCI 2; SS 1; EH A1, C1

0.3% Cineols UN-GHS: ATO 5(2500); SCI 3

3.2 Mixtures

EU INCI

N/A

US INCI

N/A

Product Name

Cypress Oil

Biological Definition

The volatile oil obtained by water/steam distillation of the leaves & terminal branches of *Cupressus sempervirens* Linnaeus (fam. Cupressaceae).

INCI Name

Cupressus Sempervirens Leaf Oil

Synonyms & Trade Names

Internal Product Code

R00153

CAS-No

8013-86-3/
84696-07-1

EC No.

283-626-9

EINECS No.

283-626-9

4 - First aid measures:

General Information

See categories below

Inhalation

Remove from exposure area to fresh air. Contact a doctor if necessary.

Ingestion

Wash mouth out with water and obtain medical advice immediately.

Inhalation

Remove from exposure area to fresh air. Contact a doctor if necessary

Skin Contact

Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

Eye Contact

Flush with plenty of water and seek medical advice if necessary.

4.2 Most important symptoms and effects, both acute and delayed

N/A

4.3 Indication of any immediate medical attention and special treatment needed

N/A

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5 - Fire - Fighting measures:

5.1 Extinguishing Media

Use CO₂, Dry Powder or Foam type extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

5.2 Special hazards arising from the substance or mixture.

None.

5.3 Advice for fire-fighters

Wear protective clothing. Avoid inhalation of vapours. Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6 - Accidental release measures:

6.1 Personal precautions

Maintain good occupational and personal hygiene. Avoid contact with skin and eyes.

6.2 Environmental precautions

Do not discharge directly into drains or soil. Keep away from surface and ground water.

6.3 Methods and material for containment and cleaning up

Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations.

6.4 References to other sections.

Please refer to *Section 8 - Exposure controls/personal protection* for further information on personal precautions

Please refer to *Section 13 - Disposal Considerations* for further information on waste treatment.

7 - Handling and storage:

7.1 Precautions for safe handling

Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

7.3 Specific end use(s)

N/A

8 - Exposure controls and personal protection:

8.1 Control Parameters

None.

8.2 Exposure Controls

Eye protection



Use safety goggles.

Hand protection



Avoid all skin contact. Use chemically resistant gloves if required.

Respiratory Equipment

As required.

Hygiene Measures

Wash hands with soap & water after handling.

Engineering Measures

Ensure good ventilation of working area.

9 - Physical data and chemical properties:

9.1 Information on basic physical and chemical properties

Appearance	Mobile liquid
Colour	-
Odour	Turpentine, woody, balsamic

Relative Density	0.852 to 0.896 @ 20°C
Flash Point (°C)	35 c/c
Refractive Index	1.468 to 1.478 @ 20°C
Melting Point (°C)	Not given
Boiling Point (°C)	Not given
Vapour Pressure	Not given
Solubility in Water @20°C	Negligible
Auto-ignition temperature (°C)	Not determined

9.2 Other information

N/A

10 - Stability and Reactivity:

10.1 Reactivity

It presents no significant reactivity hazards, by itself or in contact with water.

10.2 Chemical stability

Stable under normal temperature conditions.

10.3 Possibility of hazardous reactions

None.

10.4 Conditions to avoid

Avoid storage temperatures above 25°C

10.5 Incompatible materials

Avoid contact with strong acids, alkalis and oxidising agents..

10.6 Hazardous decomposition products

Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11 - Toxicological information:

11.1 Information on toxicological effects.

Acute toxicity:	Acute oral toxicity LD50 orl-rat >5g/kg (Opdyke 1979 p699) Dermal toxicity LD50 skn-rbt > 5g/kg (Opdyke 1979 p699)
Skin corrosion / irritation:	Older & oxidised oils can be sensitising due to the presence of oxidised products of alpha-pinene & delta-3-carene (major constituents of cypress oil). Hazard Category 2 under EC 1272/2008 guidelines.
Serious eye damage/irritation:	Not hazard listed under EC 1272/2008. Guidelines
Respiratory or skin sensitisation:	Undiluted cypress oil was found moderately irritating to pigs but not to mice or pigs. Tested at 5% on the skin of 25 volunteers it was found neither irritating or sensitising (Opdyke 1978 p699). Skin sensitiser Hazard Category 1 under EC 1272/2008 guidelines
Germ cell mutagenicity:	Not listed as a mutagen
Carcinogenicity:	Not listed as a carcinogen by IARC, US EPA, US NIH, US NTP and Prop 65 databases
Reproductive toxicity:	Not listed as a reprotoxicant
STOT-single exposure:	No data found
STOT-repeated exposure:	No data found
Aspiration hazard:	Aspiration Hazard Category 1 under EC 1272/2008 guidelines
Other information:	Not photo-toxic

12 - Ecological information:

12.1 Toxicity

Hazardous to the aquatic environment - Acute hazard, Category 2 under EC 1272/2008 guidelines.

Hazardous to the aquatic environment - Chronic hazard, Category 2 under EC 1272/2008 guidelines.

12.2 Persistence and degradability

No data found.

12.3 Bio-accumulative potential

No data found.

12.4 Mobility in soil

No data found.

12.5 Results of PBT and VPVB assessment

No data found.

12.6 Other adverse effects

N/A

13 - Disposal considerations:

13.1 Waste Treatment Methods

Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.

14 - Transport information:

Warning Icon



Proper Shipping Name	EXTRACT, AROMATIC, LIQUID
UN No. Road	UN 1169
ADR Class	3
Hazard No (ADR)	30 Flammable liquid
Hazchem Code	3YE
UN No. SEA	UN 1169
IMDG Class	3
IMDG Pack Gr.	III
EMS	F-E, S-D
UN No. AIR	UN 1169
Air Class	3
Air Pack Gr.	III

15 - Regulatory information:

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

EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).
Approved Code of Practice	Classification and Labeling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

Chemical safety assessment

An assessment has not been executed at this time.

16 - Other information:

Training instructions: Refer to possible hazard before use of this product.

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Abbreviations and acronyms:

MSDS	Material Safety Data Sheet
INCI	International Nomenclature of Cosmetic Ingredients
CAS	Chemical Abstract Service
IMDG	International Maritime Code for Dangerous Goods
ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID	International Carriage of Dangerous Goods by Rail
ICAO	International Civil Aviation Organization
ADN	International Carriage of Dangerous Goods by Inland Waterways
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
Trem Card	Transport Emergency Card
STOT	Specific Target Organ Toxicity
N/A	Not Available

Risk Phrases in full:

R10 Flammable
R38 Irritating to skin
R43 May cause sensitisation by skin contact
R51/53 Toxic to aquatic organisms, may cause long-term
R65 Harmful. May cause lung damage if swallowed.
H226 Flammable liquid and vapour
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H411 Toxic to aquatic life with long-lasting effects

Hazard Statements in full:

Complies with REACH guidance for SDS as circulated by ECHA 2011.

Q.C. REQUIREMENTS

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.

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