

5: Firefighting measures

5.1 Extinguishing media

CO₂, alcohol – resistant foam, dry powder. Never use directly water.

5.2 Special hazards arising from the substance or mixture

In case of fire, CO/CO₂ and smoke may be released.

5.3 Advice for firefighters

In case of insufficient ventilation, wear suitable respiratory equipment.

6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove ignition sources. No smoking. Provide sufficient ventilation, control of dust. Wear suitable personal protective equipment, referred to under Section 8, to prevent any contamination of skin and eyes. Avoid inhalation of vapor.

6.2 Environmental precautions

Recommended environmental precautions to be taken related to accidental spills and release of the substance or mixture, such as keeping away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up

Gross spillages should be contained by the use of sand or inert powder, and disposal of this should be in accordance with Government Regulations. Any absorbent used for cleaning up spillage should be disposed promptly, preferably by incineration, as some cases of spontaneous combustion of rags soaked with similar materials have been reported.

6.4 Reference to other sections

If appropriate Sections 8 and 13 shall be referred to.

7: Handling and storage

7.1 Precautions for safe handling

Avoid naked flames or other potential sources of ignition (eg. electrical equipment). Do not subject to unnecessarily high temperature during processing. Wear suitable personal protective equipment. Maintain adequate ventilation in working areas. Do not smoke, eat or drink when you use this product. Good personal washing routines should be followed.

7.2 Conditions for safe storage, including any incompatibilities

It is good general practice to store in closed, preferably full, containers away from heat sources, and protected from extremes of temperature. Do not re – use the empty container.

7.3 Specific end use(s)

Aromatic material: Use according to proper manufacturing practices and occupational hygiene.

8: Exposure controls/personal protection

8.1 Exposure controls

Do not subject to unnecessarily high temperature during processing. Maintain adequate ventilation in working areas.

8.2 Personal protection

a) Respiratory protection: where ventilation may be inadequate, wear self – contained breathing apparatus. b) Hand protection: where hand protection is indicated, safety gloves are recommended. c) Eye protection: where eye protection is indicated, safety goggles are recommended. d) Skin protection: depending on working situation these should include wearing protective clothing, which will also limit the odor contamination of personal clothing. Good personal washing routines should be followed.

9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Pale yellow to yellow, oily liquid
Odour	Characteristic
Flash point (°C)	70.0°C < FLASH POINT < 100.0°C
Solubility in water	Insoluble (10%)
Solubility in other solvents	Soluble (10%) in ethyl alcohol
Refractive Index (25°C)	1.483 - 1.493

10: Stability and reactivity

10.1 Reactivity

No known reactivity hazards. No reaction known with water.

10.2 Chemical stability

No hazardous reaction when handled and stored according to provisions

10.3 Possibility of hazardous reactions

Not expected when handled and stored according to provisions.

10.4 Conditions to avoid

Avoid temperatures above or near to the flash point, sources of ignition, sparks and flames. Do not heat closed containers.

10.5 Incompatible materials

Avoid contact with strong acids, alkalis or oxidizing agents.

10.6 Hazardous decomposition products

Not expected when handled and stored according to provisions. Contact with water or storage under recommended conditions for one year should not produce dangerous decomposition products.

11: Toxicological information

This preparation has not been subjected to ecotoxicological testing as an entity but has been blended from materials with established toxicological bibliographies. In view of the difficulty of using current standard toxicological evaluation techniques to predict hazards to susceptible individuals or arising from unforeseeable use, this preparation should be considered and handled as if it displayed health hazards and treated in consequence with all possible precaution.

12: Ecological information

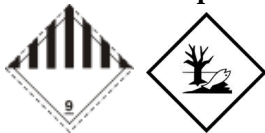
This preparation has not been subjected to ecotoxicological testing as an entity. In view of difficulty of using current standard ecotoxicological evaluation techniques to predict the impact of particular modes of release on vulnerable or localized parts of the ecosystem, this preparation should be considered and handled as if it displayed environmental hazards, and treated in consequence with all possible precaution.

13: Disposal considerations

Residual quantities of the product should be treated according to the instructions given under points 6, 7 and 8 above. Wastes should be eliminated according to national or regional regulatory requirements.

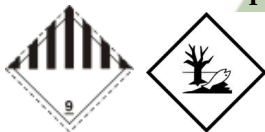
14: Transport information

14.1 Land transport ADR/RID



ADR/RID Class: 9
Danger code (Kemler): 90
UN number: 3082
Packaging group: III
Hazard label: 9
Special marking: Symbol (fish and tree)
UN proper shipping name: 3082 ENVIRONMENTALLY HAZARDOUS
(Acetyl cedrene, CAS:32388-55-9)
Tunnel restriction code: E

14.2 Maritime transport IMDG



IMDG Class: 9
UN number: 3082
Label: 9
Packaging group: III
EMS number: F-A, S-F
Marine pollutant: Yes
Segregation groups: --
Proper shipping name: 3082 ENVIRONMENTALLY
HAZARDOUS (Acetyl cedrene,
CAS:32388-55-9)

14.3 Air transport ICAO-TI and IATA-DGR



ICAO/IATA Class: 9
UN number: 3082
Label: 9
Packaging group: III
Proper shipping name: 3082 ENVIRONMENTALLY
HAZARDOUS (Acetyl cedrene,
CAS:32388-55-9)

15: Regulatory information

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

Commission Directive 2006/8/EC amending, for the purposes of their adaptation to technical progress, Annexes II, III and V to Directive 1999/45/EC of the European Parliament and of the Council concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16: Other information

16.1 Indication of changes

The contents of the following section(s) alter and supersede those in the previous version: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15 & 16. All parts updated in accordance to the Regulation (EU) 2015/830 amending Regulation (EC) No 1907/2006.

16.2 Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
CAS#	Chemical Abstracts Service number
CMR	Carcinogen, Mutagen, or Reproductive Toxicant
DPD	Dangerous Preparations Directive 1999/45/EC
DSD	Dangerous Substances Directive 67/548/EEC
EC	European Community
ECHA	European Chemicals Agency
EC-Number	EINECS and ELINCS Number (see also EINECS and ELINCS)
EEC	European Economic Community
EINECS	European Inventory of Existing Commercial Substances
ELINCS	European List of notified Chemical Substances
EN	European Standard
EQS	Environmental Quality Standard
EU	European Union
GHS	Globally Harmonized System
IATA	International Air Transport Association
ICAO-TI	Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG	International Maritime Dangerous Goods
IMSBC	International Maritime Solid Bulk Cargoes
IUCLID	International Uniform Chemical Information Database
IUPAC	International Union for Pure Applied Chemistry
MSDS	Material Safety Data Sheet
OECD	Organization for Economic Co-operation and Development
OSHA	European Agency for Safety and Health at work
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
RIP	REACH Implementation Project
SDS	Safety data sheet
STOT	Specific Target Organ Toxicity
(STOT) RE	Repeated Exposure
(STOT) SE	Single Exposure
SVHC	Substances of Very High Concern
UN	United Nations

16.3 Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008

Skin Sens. 1;H317

Aquatic Chronic 2;H411

Classification procedure

Calculation Method

Calculation Method

16.4 Full text of H - Statements

H226 - Flammable liquid and vapour

H227 - Combustible liquid

H301 - Toxic if swallowed

H302 - Harmful if swallowed

H303 - May be harmful if swallowed

H304 - May be fatal if swallowed and enters airways

H312 - Harmful in contact with skin

H313 - May be harmful in contact with skin

H315 - Causes skin irritation

H316 - Causes mild skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H320 - Causes eye irritation

H332 - Harmful if inhaled

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

16.5 Emergency telephone numbers

Austria	+43 1 406 43 43
Belgium	+32 70 245 245
Bulgaria	+ 359 2 9154 233
Croatia	(+385 1) 2348342
Czech Republic	+420 224 919 293 / +420 224 915 402
Denmark	16662 (National), International (+372) 626 93 90
Estonia	+358 9 471977
Finland	+ 33 (0)1 45 42 59 59
France	+31 13 4642 211
Germany	+31 13 4642 211
Greece	(+36-80) 201-199
Hungary	+354 543 2222
Iceland Ireland	+353 1 8092566 / +353 1 8379964
Italy	+39 06 68593726
Latvia	+371 67042473
Lithuania	+370 5 236 20 52 or +370 687
Luxembourg	53378+352 8002 5500
Malta	+356 21224071

Netherlands	+31 30 2748888 (Only for the purpose of informing medical personnel in cases of acute intoxications).
Norway	+47 22 59 13 00
Poland	+31 13 4642 211
Portugal	+808 250 143
Romania	+31 13 4642 211
Slovakia	+31 13 4642 211
Slovenia	+31 13 4642 211
Spain	+34 91 562 04 20 (only for the purpose of informing medical personnel in cases of acute intoxications).
Sweden	+46 112
United Kingdom	For medical professionals only +44 845 46 47 (England and Wales) + 44 8454 24 24 (Scotland)

16.6 Further Information

According to Regulation (EU) 2015/830 amending Regulation (EC) No 1907/2006, the information in this safety data sheet is based on the properties of the materials known to Escentscia Limited at the time the data sheet was issued. The safety data sheet is intended to provide information for a healthy and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. It is the user's responsibility to determine conditions of safe use of the product, according to the information provided in this safety data sheet.

This document is not intended for quality assurance purposes.