

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73770 Cajeput Oil

Page 1

Revised edition: 28.02.2012

Version: 1

Printed: 12.11.2018

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Cajeput Oil

Article No.: 73770

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Kremer Pigmente GmbH & Co. KG

Address: Hauptstr. 41-47, 88317 Aichstetten, Germany

Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606

Internet: www.kremer-pigmente.de

E-Mail: info@kremer-pigmente.de

Importer: --

1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

Flammable liquids, hazard category 3
Skin sensitization, hazard category 1
Chronic aquatic toxicity, hazard category 2
Flammable liquid and vapour.

H226

Cat.: 3

H317

Cat.: 1

H411

Cat.: 2

May cause an allergic skin reaction.

Toxic to aquatic life with long lasting effects.

Classification according to Directive No. 67/548/EC or No. 1999/45/EC

R10

R43

R51

R53

Flammable.

May cause sensitization by skin contact.

Toxic to aquatic organisms.

May cause long-term adverse effects in the aquatic environment.

Irritating (Xi)
Hazardous to the environment (N)

Safety Phrases:

Possible Environmental Effects:

2.2. Label Elements

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

next page: 2

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73770 Cajeput Oil

Page 2

Revised edition: 28.02.2012

Version: 1

Printed: 12.11.2018

Hazard designation:



GHS02



GHS07-1



GHS09

Signal word:

Warning

Hazard designation:

H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

Safety designation:

P210	Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/ clothing/ eye/ face protection.
P302+P352	If on skin: Wash with soap and water.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P321	Specific treatment (see label).
P333+P313	If skin irritation or rash occurs: Get medical attention.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use sand, dry extinguishing powder or foam for extinction.
P391	Collect spillage
P403+P235	Store in a well ventilated place. Keep cool.
P501	Dispose of contents/ container according to regional, national and international regulations.

Hazardous components for labelling:

2.3. Other Hazards

3. Composition/Information on Ingredients

3.1. Substance

Mixture

next page: 3

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73770 Cajeput Oil

Page 3

Revised edition: 28.02.2012

Version: 1

Printed: 12.11.2018

3.2.

Chemical Characterization: Cajeput oil, CAS No. 85480-37-1; EINECS 287-316-4

Information on Components / Hazardous Ingredients:

Dipenten; Cineole; Limonen (Xi,N; R10-38-34-43-51/53; H226-315-317-400-410)	50 - 60 %	CAS-Nr: 138-86-3 EINECS-Nr: 205-341-0 EC-Nr:
---	-----------	--

Juniper, Juniperus virginiana, ext. (Xn; R65; H304)	1 - 5 %	CAS-Nr: 85085-41-2 EINECS-Nr: 285-370-3 EC-Nr:
---	---------	--

Terpineol (Xi; R43; H317)	1 - 2 %	CAS-Nr: 98-55-5 EINECS-Nr: 202-680-6 EC-Nr:
---------------------------	---------	---

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Take affected persons out into the fresh air.

After inhalation:

*Supply fresh air and keep patient calm.
In case of complaints consult a physician.*

After skin contact:

Wash with soap and rinse with plenty of water.

After eye contact:

*Rinse open eyes with plenty of water for at least 15 minutes.
Consult physician.*

After ingestion:

Consult a doctor.

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

No further information available.

Effects:

No further information available.

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

No information available.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

*Extinguishing powder.
Dry sand.*

next page: 4

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73770 Cajeput Oil

Page 4

Revised edition: 28.02.2012

Version: 1

Printed: 12.11.2018

Unsuitable extinguishing media:

Water with full jet.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

No information available.

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

Cool exposed containers with water spray.

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Ensure adequate ventilation.

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soils, drains and surface water.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Contain with absorbent material (sand, diatomaceous earth, universal absorbent, Oil Dri) and dispose accordingly.

6.4. Reference to other Sections

See Section 13 for information on disposal.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Provide adequate ventilation.

Avoid the formation of aerosol.

Hygienic measures:

No further measures, see Section 8.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a cool and well ventilated location.

Do not store together with food stuff and animal feed.

Requirements for storage areas and containers:

No special measures necessary.

Information on fire and explosion protection:

Keep away from sources of ignition - do not smoke.

Storage class (VCI):

next page: 5

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73770 Cajeput Oil

Page 5

Revised edition: 28.02.2012

Version: 1

Printed: 12.11.2018

3: Flammable liquids

Further Information:

7.3. Specific End Use(s)

Further information:

No information available.

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

None known

Parameters to be controlled (DE):

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Provide adequate ventilation.

Personal Protection

General protective measures:

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin.

Respiratory protection:

Required in case of insufficient ventilation (EN 143 or 149).

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Eye protection:

Safety glasses (EN 166)

Body protection:

Environmental precautions:

No special measures required.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: liquid

Color: colorless

Odor: characteristic

Odor threshold:

No information available.

next page: 6

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73770 Cajeput Oil

Page 6

Revised edition: 28.02.2012

Version: 1

Printed: 12.11.2018

<i>pH-Value:</i>	<i>not determined</i>
<i>Melting temperature:</i>	<i>not applicable</i>
<i>Boiling temperature:</i>	<i>not available</i>
<i>Flash point:</i>	<i>50°C</i>
<i>Evaporation rate:</i>	<i>No information available.</i>
<i>Flammability (solid, gas):</i>	<i>not applicable</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>not determined</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>0.915 g/cm³</i>
<i>Solubility in water:</i>	<i>insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not determined</i>
<i>Auto-ignition temperature:</i>	<i>not applicable</i>
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	<i>not available</i>
<i>Explosive properties:</i>	<i>not available</i>
<i>Oxidizing properties:</i>	<i>No information available.</i>
<i>Bulk density:</i>	<i>not applicable</i>

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic

Burning class:

next page: 7

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73770 Cajeput Oil

Page 7

Revised edition: 28.02.2012

Version: 1

Printed: 12.11.2018

Solvent content:

Solid content:

Particle size:

Other information:

No further information.

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

Unknown.

10.4. Conditions to Avoid

Conditions to avoid:

No further information available.

Thermal decomposition:

No data available.

10.5. Incompatible Materials

No information available.

10.6. Hazardous Decomposition Products

None known.

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

No information available.

Acute Toxicity

LD50, oral:

LD50, dermal:

LC50, inhalation:

Primary effects

Irritant effect on skin:

Slight irritant effect.

Irritant effect on eyes:

Slight irritant effect

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

Slightly sensitizing.

next page: 8

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73770 Cajeput Oil

Page 8

Revised edition: 28.02.2012

Version: 1

Printed: 12.11.2018

Mutagenicity:

Not mutagenic.

Reproductive toxicity:

No information available.

Carcinogenicity:

Not cancerogenic.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Additional toxicological information:

12. Ecological Information

12.1. Aquatic Toxicity

Fish toxicity:

not determined

Daphnia toxicity:

No information available.

Bacteria toxicity:

not determined

Algae toxicity:

not determined

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

No data available.

12.6. Other Adverse Effects

Water hazard class:

*2 (German Regulation) (Assessment by list): hazardous.
Harmful for fish and bacteria.*

Behaviour in sewage systems:

Further ecological effects:

Do not let product enter waterways or sewage system.

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

Dispose of according to official national and local regulations.

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73770 Cajeput Oil

Page 9

Revised edition: 28.02.2012

Version: 1

Printed: 12.11.2018

European Waste Code (EWC):

Uncleaned packaging:

Dispose of according to official local regulations.

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA 1993

14.2. UN Proper Shipping Name

ADR/RID: ENTZÜNDBARER FLÜSSIGER STOFF, N.A.G. (Cineol)

IMDG/IATA: FLAMMABLE LIQUID, N.O.S.(Cineole)

14.3. Transport Hazard Classes

ADR Class: 3

Hazard no.: 3

Classification code: F1

Tunnel restriction code: D/E

IMDG Class (sea): 3

Hazard no.: 3

EmS No.: F-E, S-E

IATA Class: 3

Hazard no.: 3

14.4. Packaging Group

ADR/RID: III

IMDG: III

IATA: III

14.5. Environmental Hazards

None

14.6. Special Precautions for User

not applicable

14.7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

not applicable

14.8. Further Information

15. Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

2, hazardous for water (German Regulation)

Local regulations on chemical accidents:

Employment restrictions:

next page: 10

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



73770 Cajeput Oil

Page 10

Revised edition: 28.02.2012

Version: 1

Printed: 12.11.2018

Restriction and prohibition of application:

Technical instructions on air quality:

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not yet been carried out for this product.

15.3. Further Information

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.