



Snow Lotus Aromatherapy

SAFETY DATA SHEET Cardamom Essential Oil

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

Product identifier

Cardamom CO2-se extract_003.001

Further trade names

Kardamomen CO2-se Extrakt, Typ-Nr 003.001

Cardamom CO2-se extract, type no. 003.001

Cardamome extrait CO2-se, reference 033.001

CAS No: 96507-90-4

EC No: 306-171-0

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

Use of the substance/mixture

In food industry and perfumery

Industry category(ies): General chemicals, as they are used in many ways in the chemical industry.

Chemicals for personal and household use.

Identified uses: Industrial manufacturing.

Details of the supplier of the safety data sheet

Company Name: Snow Lotus Inc.
Street: 47 Foley Street
Place: Santa Rosa, CA 95401
Phone: (800)-682-8827
E-mail: info@snowlotus.org
Internet: snowlotus.org

Emergency Phone Number: CHEMTREC: 800-424-9300

Further Information

REACH: Cardamom, Elettaria Cardamomum Miniscula Extract, Pre-Registration no.:
05-2114102212-75-0000

SECTION 2: Hazard Identification

Classification of the substance or mixture

Indications of danger: Harmful, Irritant, Dangerous for the environment

R-phrases:

Irritating to eyes, respiratory system and skin.

May cause sensitization by skin contact.

Toxic to aquatic organisms.

May cause long-term adverse effects in the aquatic environment.
Harmful: may cause lung damage if swallowed.

GHS classification

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2
Serious eye damage/eye irritation: Eye Irrit. 2
Respiratory/skin sensitization: Skin Sens. 1
Aspiration hazard: Asp. Tox. 1
Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
May be fatal if swallowed and enters airways.
Toxic to aquatic life with long lasting effects.

Label elements

Signal word: Danger

Pictograms: GHS07-GHS08-GHS09



Hazardous components which must be listed on the label

Cardamom, *Ellettaria miniscula*, ext.

Hazard Statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Additional advice on labelling

The classification was undertaken in accordance with the method of calculation governed by the preparation regulations (1999/45/EC).

Other hazards

Special skid risk by leaking/spilling product.

Contains < 4.0% linalool
< 2.0% limonene [CAS-no. 5989-27-5]
< 0.6% geraniol [CAS-no. 106-24-1]
< 0.6% citral [CAS-no. 5392-40-5]

May cause allergic reactions

SECTION 3: Composition/information on ingredients

Chemical characterization

INCI-name (CTFA): *Ellettaria Cardamomum* (Cardamom) Seed Extract, CAS-no. 96507-91-4 EC-no. (EINECS/ELINCS): 306-171-0

Essential oil content: > 85%

Hazardous Components

EC No	Chemical Name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
306-171-0	Cardamom, Elettaria cardamomum miniscula, ext.	100%
96507-91-4	Xn, Xi, N R36/37/38-43-51-53-65	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Chronic 2; H315 H319 H317 H304 H411	

Full text of R- and H-phrase: see section 16

Further Information

No solvent residues

SECTION 4: First Aid Measures

Descriptions of first aid measures

General Information

In case of accident or if you feel unwell, seek medical advice immediately (show Safety Data Sheet if possible).

Seek medical attention if problems persist.

After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with: Water and soap

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10-15 minutes holding eyelids apart. Consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink quantities of water. Caution if victim vomits: Risk of aspiration!

SECTION 5: Fire Fighting Measures

Extinguishing media

Suitable extinguishing media

Foam, CO₂, powder

Extinguishing media which must not be used for safety reasons

Water stream

Special hazards arising from the substance or mixture

Formation of dangerous fumes possible

Advice for firefighter

In case of fire: Wear self-contained breathing apparatus.

Additional information

None

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes, concentrated extracts should not be swallowed.

Wear personal protection equipment.

Provide adequate ventilation.

Wear respiratory protection when in the presence of vapor, dust, and aerosols.

Environmental precautions

Keep away from canalization, waterway, groundwater

Methods and material for containment and cleaning up

Suck up with oil binding media. Remove mechanically, placing in appropriate containers for disposal.

SECTION 7: Handling and Storage

Precautions for safe handling

Advice on safe handling

Avoid contact with skin and eyes, concentrated extracts should not be swallowed.

Wear splash goggles and oil resistant gloves

Do not breathe gas/fumes/vapor/spray.

Advice on protection against fire and explosion

Keep away from sources of ignition – No smoking

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No special measures necessary

Further information on storage conditions

Keep dark and dry, avoid heat

Store in tightly closed containers

SECTION 8: Exposure controls/personal protection

Controls parameters

Exposure controls

Protective and hygiene measures

Remove contaminated clothes

Respiratory protection

Do not breathe vapor/aerosol

Respiratory protection required in case of: aerosol or mist generation.

Filter respirator with filter or ventilator type: A

Hand protection

Wear oil resistant gloves when handling chemical substances, chemical protective gloves must be worn with CE label including a four digit code. German Industry Norms (DIN)/European Norms (EN): EN 374

Eye Protection

Wear splash goggles

Skin Protection

Wear clothing as usual in chemical industry remove contaminated clothes. After contact with skin, wash immediately with: Water and soap.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state:	Clear oil
Color:	Light Yellow
Odor:	Characteristic
pH-Value:	No data available

Changes in the physical state

Melting point:	No data available	
Boiling point:	No data available	
Sublimation point:	No data available	
Softening point:	No data available	
Flash point:	> 61°C	closed cup
Lower explosion limits:	No data available	
Upper explosion limits:	No data available	
Vapor pressure:	No data available	
Density (at 20°C):	0.910 – 0.980 g/cm ³	pycnometer
Water solubility:	insoluble	
Solubility in other solvents:	good soluble in fat phases	
Viscosity/dynamic:	No data available	

Vapor density: No data available
Solvent content: No solvent residues

SECTION 10: Stability and reactivity

Conditions to avoid

Heat, open flame, sun light

Incompatible materials

Oxidizing agents.

Hazardous decomposition products

None - when carefully used

Further information

No decomposition in the application field

SECTION 11: Toxicological Information

Information on toxicological effects

Toxicokinetics, metabolism and distribution

According to our knowledge, the chemical, physical and toxicological properties have not been examined extensively.

Specific effects in experiment on an animal

No data available

Irritation and corrosivity

No data available

Sensitizing effects

No data available

Severe effects after repeated or prolonged exposure

No data available

Carcinogenic/mutagenic/toxic effects for reproduction

No data available

Empirical data on effects on humans

Irritating to eyes, respiratory system and skin

Further information

Acute toxicity, irritation of the skin and mucous membrane, and mutagenic potential of the preparation assessed by the manufacturer on the basis of the data sheets available on the main components. Information gaps exist on some of the main individual components. However, according to the experience of the manufacturer, no dangers above and beyond those on the product label are to be expected.

SECTION 12: Ecological Information

Toxicity

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

No data available

Further information

No heavy metals and inorganic components

SECTION 13: Disposal Consideration

Waste Treatment Methods

Advice on disposal

In accordance with valid regulations

Waste disposal number of waste from residues/unused products

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing dangerous substances
Classified as hazardous waste.

Contaminated packaging

In accordance with valid regulations

SECTION 14: Transport Information

Land transport (ADR/RID)

UN number:

3082

UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains Limonene)

Transport hazard class(es):

9

Packing group:

III

Hazard label:

9



Classification code:

M6

Special Provisions:

274 335 601

Limited quantity:

5 L

Transport category:

3

Hazard No:

90

Tunnel restriction code:

E

Other applicable information (land transport)

E1

Marine Transport

UN Number:

3082

UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains limonene)

Transport hazard class(es):

9

Packing:

III

Hazard label:



Special Provision:

A97 A158

Limited quantity Passenger:

30 kg G

IATA-packing instructions - Passenger:

964

IATA-max. quantity - Passenger:

450 L

IATA-packing instructions - Cargo:

964

IATA-max. quantity - Cargo:

450 L

Other applicable information (air transport)

E1

:Y964

Environmental hazards

Dangerous for the environment:

Yes



SECTION 15: Regulatory Information

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

National regulatory information

Employment restrictions: Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.

Water contaminating class (D): 1 - Slightly water contaminating

Chemical Safety Assessment

For this substance a chemical safety assessment is not required.

SECTION 16: Other Information

Changes

Reason for revision: general revision of whole document

Full text of R-phrases referred to under sections 2 and 3

R36/R37/R38 Irritating to eyes, respiratory system and skin.

R43 May cause sensitization by skin contact.

R51 Toxic to aquatic organisms.

R51/R53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R53 May cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

Full text of H-Statements referred to under sections 2 and 3

H304 May be fatal if swallowed and enter airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation/

H411 Toxic to aquatic life with long lasting effects.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.