



## 1. Product Name and Company Identification :

**Product Name**  
**Product Use**

**CAS No**  
**HSN No**  
**Company Name**  
**Company Address**

**First Date Issued**  
**Date Issued**  
**Emergency Telephone Number**



Extract Expert™ Cardamom Oil  
Skin Conditioning Agent, Food/Beverage Additives, Cosmetic Application, Wellness.

8000-66-6 / 85940-32-5  
33019015

Evaz International  
A1008, 10th Floor, PRIVILON, Opp. ISKCON Temple, Bopal-Aambli Road, Ahmedabad, Gujarat, INDIA.

2019/01/22

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079-40397289



## 2. Composition/ information on Ingredients :

**Composition**  
**Chemical Identity**

Elettaria Cardamomum Oil  
Liquid

## 3. Hazards Identification :

### 3.1 Classification of the substance or mixture

Classification according to regulation (EU1272/2008)

**Physical and chemical hazards**  
**Human health**

**Sensitization**

**Environment**

Flammable liquid, hazard category 3 h226, flammable liquid and vapour. Skin corrosion / irritation category 2 h315, causes skin irritation Eye damage / irritation category 2 h319, causes serious eye irritation. Skin category 1 h317, may cause an allergic skin reaction. Aspiration hazard category 1 h304, may be fatal if swallowed and enters airways. Hazardous to the aquatic environment - long-term hazard category 2 H411, toxic to aquatic life with long lasting effects.



### 3.2 Label Elements

Labeling according to Regulation (EC) No 1272/2008

**GHS Label**  
**Signal Word**  
**Contains**  
**Hazard Statement**  
H226  
H304  
H315  
H317  
H319  
H411

**Precautionary Statements**  
P210  
P233  
P240  
P241



GHS07



, GHS08



,GHS09



,GHS02

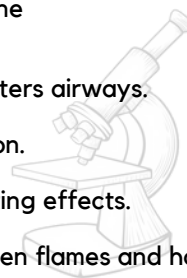


Danger

D-limonene, myrcene, alpha-pinene

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

Keep away from heat, sparks, open flames and hot surfaces. - no smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical, ventilating and lighting equipment.



P242  
P243  
P261  
P264  
P272  
P273  
P280  
P301/310, if swallowed  
P303/361/353, if on skin (or hair)



P305/351/338, if in eyes

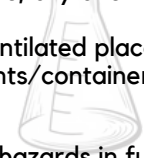
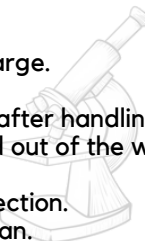
P331  
P333/313, if skin irritation or rash occurs  
P337/313, if eye irritation persists  
P362  
P370/378, in case of fire  
P391  
P403/235  
P501

Supplementary Precautionary  
Statements  
Section 16 (Other Information)

### 3.3 Other Hazards

Adverse physiochemical properties  
Adverse effects on human health  
Pbt or vpvb according to Annex XIII

Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Avoid breathing vapour or dust.  
Wash hands and other contacted skin thoroughly after handling.  
Contaminated work clothing should not be allowed out of the workplace.  
Avoid release to the environment.  
Wear protective gloves/eye protection/face protection.  
Immediately call a poison center or doctor/physician.  
Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Do not induce vomiting.  
Get medical advice/attention.  
Get medical advice/attention.  
Take off contaminated clothing and wash before reuse.  
Use carbon dioxide, dry chemical, foam for extinction.  
Collect spillage.  
Store in a well-ventilated place. Keep cool.  
Dispose of contents/container to approved disposal site, in accordance with local regulations.  
No data  
Risky and safety hazards in full



No data  
No data  
No data

## 4. First Aid Measures :

### 4.1 Description of first aid measures

General Information

After inhalation

After Ingestion

After skin contact

After Eye Contact

Always remove contaminated clothing immediately.  
Get medical attention immediately. Remove from exposure site to fresh air, keep at rest, and obtain medical attention if symptoms are severe or persist.  
Get medical attention immediately. Remove from exposure site to fresh air, keep at rest, and obtain medical attention if symptoms are severe or persist.  
Remove contaminated clothes. Wash thoroughly with soap and water.  
Contact physician if irritation persists.  
Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

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

May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.



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

None expected

## 5. Fire Fighting Measures :

### 5.1 Extinguishing media Suitable extinguishing agents

Foam, Co2, Dry Chemical Powder.

### 5.2 Special hazards arising from the substance or mixture

Burning produces irritating, toxic, and obnoxious fumes



### 5.3 Advice for fire-fighters

Special protective equipment for fire-fighters

Wear positive-Pressure self-Contained breathing apparatus (scba) and appropriate protective clothing.



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## 6. Accidental Release Measures :

### 6.1 Personal precautions, protective equipment, and emergency procedures



### 6.2 Environmental precautions

### 6.3 Methods and material for containment and cleaning up

### 6.4 Reference to other sections

Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, Eyes and clothing. Avoid inhalation.

Do not discharge into drains, watercourses, or onto the ground. dispose of in line with local authority guidelines.

Remove ignition sources. provide adequate ventilation. avoid excessive inhalation of vapors. Contain spillage immediately by use of sand or inert powder. dispose of according to local regulations.

Refer & consider section 8. Refer & consider section 13.



## 7. Handling and Storage :

### 7.1 Precautions for safe handling



### 7.2 Conditions for safe storage, including any incompatibilities

### 7.3 Specific end use(s)

Handle in accordance with good hygiene and safety practices. Keep away from heat, sparks, open flames, and hot surfaces. - no smoking. use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation do not eat, drink or smoke when using this product.

Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Flavours ,fragrances Use in accordance with good manufacturing and industrial hygiene practices.

## 8. Exposure Control / Personal Protection :

Additional information about the design of technical systems

### 8.1 Control parameters

### 8.2 Exposure controls

Eye Protection

Hand Protection

Respiratory Equipment



No further data; see item 7.

None



Wear protective gloves/eye protection/face protection. Avoid contact with eyes. Wear approved safety goggles. (en166)

Avoid contact with skin. Wash hands before breaks and at end of work. Wear protective gloves. Din/en374. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Penetration time of glove material: the exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Under normal conditions of use and where adequate ventilation is available to prevent build-up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) increase ventilation of the area with local exhaust ventilation. B) personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. C) use closed systems for transferring and processing this material. Also Refer to sections 2 and 7.

## Hygiene Measures

## Engineering Measures

Skin protection

Other protection

Process condition

Environmental exposure controls

Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

Provide adequate ventilation or respiratory protection.

Wear protective clothing to reduce the risk of skin and eye contact.

Wear suitable protection to avoid contact with skin and eyes

Ensure area is well ventilated. avoid vapour inhalation.

Avoid discharging into drainage water.

## 9. Physical & Chemical Properties :



### 9.1 Information on basic physical and chemical properties

#### General Information

Appearance

Form

Colour

Odour

Odour threshold

Relative Density

Refractive Index

Flash Point (°C)

Solubility in Water @ 20°C



Liquid

Colourless to Pale Yellow.

Characteristic, Warm & Spicy.

Not determined.

Approx. 0.912 @ 20°C

Approx. 1.455-1.470 @ 20°C

57°C

Insoluble in water



### 9.2 Other information

No data

## 10. Stability and Reactivity :

### 10.1 Reactivity

### 10.2 Chemical stability

### 10.3 Possibility of hazardous reactions

### 10.4 Conditions to avoid

### 10.5 Incompatible materials

### 10.6 Hazardous decomposition products

Not Applicable

Stable under suggested storage conditions (<15°C).

None under normal processing.

Storage at high temperatures. Do not store above 15°C. Avoid heat, flames and other sources of ignition.

Avoid concentrated acids, alkalis & oxidizing agents.

This product does not decompose under normal conditions. Under fire conditions, the product will produce a mixture of irritating Carbon Dioxide, fumes & smoke.

## 11. Toxicological Information :

### 11.1 Information on toxicological effects

Acute toxicity

Assumed toxicity values

Primary irritant effect

On the skin

On the eye

Sensitization

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

Additional toxicological information

STOT – single exposure

STOT – repeated exposure

Aspiration hazard

Other information



(Ld50 or aTe) for acute oral toxicity: 5907.01

(Ld50 or aTe) for acute dermal toxicity: 150000

(Lc50 or aTe) for acute inhalation toxicity: not available

Inhalation route: Not available

Causes skin irritation

Causes serious eye irritation

May be fatal if swallowed and enters airways. may cause an allergic skin reaction.

Not applicable

Not applicable

Not applicable

Not applicable

Not applicable

May be fatal if swallowed and enters airways

Medical considerations: Persons with rash are directed to skin expert for examination of allergic eczema





## 12. Ecological Information :

- 12.1 Toxicity
- 12.2 Persistence and degradability
- 12.3 Bioaccumulative potential
- 12.4 Mobility in soil
- 12.5 Results of PBT and vPvB assessment



- 12.6 Other adverse effects

Very toxic to aquatic life with long lasting effects.

No Data

Para-cymene partition co-efficient = 4.1.

No Data

This substance does not meet the pbt/vpvb criteria of reach, annex xiii

Do not discharge into the environment especially not into waterways, sewers and the sea.



## 13. Disposal Methods :

- 13.1 Waste treatment methods



Always recover the spilled product. Discard waste material with authorized waste management services. Act in accordance with local & national waste regulations.



## 14. Transport Regulations :

- 14.1 Shipping Name

- 14.2 UN Number

- 14.3 Packing group

- 14.4 Transport hazard class(es)

ADR/RID  
ADR CLASSIFICATION CODE  
SPECIAL PROVISIONS  
LIMITED QUANTITIES  
EXPECTED QUANTITIES  
EMERGENCY ACTION CODE  
IMDG  
SPECIAL PROVISIONS  
LIMITED QUANTITIES  
EXPECTED QUANTITIES  
IMDG EMS  
STORAGE AND HANDLING  
ICAO/IATA  
IATA PROPER SHIPPING NAME  
EXPECTED QUANTITIES

TRANSPORT LABELS

- 14.5 Environmental hazards



Extracts, Aromatic, Liquid

Road: UN 1169 Sea: UN 1169 Air: UN 1169

ADR/RID/ADN Packing group III IMDG Packing group III

ICAO Packing group III

Class 3

F1

601

5L

E1

3Y

Class 3

601

5L

Expected E1

F-E, S-D

Category a

Class 3 IATA

Extracts, Aromatic, Liquid

E1



## 15. Regulatory Information :

### 15.1 Product-specific safety, health & environmental regulation & legislation

EU Directives

Statutory Instruments

Approved Code of Practice

Guidance Notes

### 15.2 Chemical Safety Assessment

Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18th December 2006. Concerning the registration, evaluation, authorization & restriction of chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing council regulation (EEC) No793/93 & commission regulation (EC) No1488/94 as well as council directive 76/769/EEC & commission directive 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (including amendments).

The Chemicals (Hazard Information & Packaging for Supply Regulations 2009 (S.I.2009 No 716).

Classification & labeling of substances & preparations dangerous for supply. Safety data sheets for substances & preparations.

Workplace exposure limits EH40. CHIP for everyone HSG 108.

Assessment has not been carried out as this is a non-hazardous material according to article 31 of REACH 1907/2006

## 16. OTHER INFORMATION :

Hazard and/ or precautionary statements in full

H226

H302

H304

H315

H317

H319

H400

H410

H411

Training instructions

Other information

Flammable liquid and vapour.

Harmful if swallowed

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

Toxic to aquatic life with long lasting effects

Refer to possible hazards before use of this product.

Whilst Evaz International gives the above advice in good faith, it is not intended to be a substitute for customers' own testing to ascertain good safety procedures. These regulations were designed for handling bulk products and to readily identify Toxic & Safety Data. Safety information is under continuous review.

This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered to be dependable and is accurate to the best of the Company's knowledge. However, the information is provided without any representation or warranty, expressed or implied regarding its accuracy or correctness. The Company cannot assume responsibility for adverse events which may occur in the use and/or misuse of this product and expressly disclaims liability for loss, damage, and/or expense arising out of or in any way connected with the handling, storage, use and/or disposal of this product.

Department issuing MSDS

Quality Assurance

Contact

EVAZ INTERNATIONAL (INDIA)

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## Abbreviations and acronyms

MSDS

INCI

RID

ICAO

ADR



ADN

IATA

GHS

TREM CARD

EINECS

CAS

PBT

vPvB

STOT



Material safety data sheet.

International Nomenclature of cosmetic ingredients.

International carriage of dangerous goods by rail.

International civil aviation organization.

Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

International carriage of dangerous goods by inland waterways.

International Air Transport Association.

Globally Harmonised System of Classification and Labelling of Chemicals.

Transport emergency card.

European Inventory of Existing Commercial Chemical Substances.

Chemical Abstracts Service (a division of the American Chemical Society).

Persistent, Bioaccumulative, and Toxic.

Very Persistent and Very Bioaccumulative.

Specific target organ toxicity.



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