

1. Product Name and Company Identification :

Product Name : Extract Expert™ CO2 Ginger Oleoresin

Product Use : Skin Conditioning Agent, Food/Beverage Flavourings, Cosmetic Application, Wellness.

CAS No : 84696-15-1

HSN No : 33019012

Company Name : Evaz International

Company Address : A1008, 10th Floor, PRIVILON, Opp. ISKCON Temple, Bopal-Aambli Road, Ahmedabad, Gujarat, INDIA.

First Date Issued : 2019/01/22

Date Issued : 2021/03/27

Emergency Telephone Number : 079-40397289

2. Composition/ information on Ingredients :

Composition : Zingiber Officinale Extract

Chemical Identity: Dark brown colour / thick viscous liquid

3. Hazards Identification :

3.1 Classification of the substance or mixture :

Classification (67/548/EEC) : No additional data available.

Classification (EU1272/2008) :

Physical Hazards : Not Classified

Health Hazards : Asp. Tox. 1 - H304, Skin irrit. 2 - H315, Skin Sens. 1B H317, Eye Irrit. 2 – H319

Environmental Hazards : Aquatic Chronic 2 - H411

3.2 Label Elements :

Label in accordance with REGULATION (EC) NO 1272/2008 :

GHS Label :



GHS07.



GHS08.



GHS09

Signal word : Danger

Contains : Beta-bisabolene, alpha-pinene

Hazard statements :

H304 may be fatal if swallowed and enters 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.

Precautionary Statements :

P261 avoid breathing vapours/spray.

P273 avoid release to the environment.

P280 wear protective gloves and eye protection.

P302+P352 if on skin: wash with plenty of water.

P305+P351+P338: if in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P331 do not induce vomiting.

P333+P313: if skin irritation or rash occurs: get medical advice/attention.

P337+P313: if eye irritation persists: get medical advice/attention.

P391 collect spillage.

P501 dispose of contents in accordance with local, state or national legislation.

Supplementary Precautionary Statements :

P264 wash hands thoroughly after handling.

Section 16 (other Information): Risk & Safety Phrases in Full.

3.3 Other Hazards

Adverse Physio-chemical Properties : No additional data available.

Adverse Effects on Human Health : No additional data available.

Pbt or Vpvp According to Annex XIII : No additional data available.

4. First Aid Measures :

4.1

Description of first aid measures

General information :

Always remove contaminated clothing immediately.

Inhalation :

Get medical attention immediately. Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

Ingestion :

Get medical attention immediately. Rinse mouth with water and obtain medical attention. Ingestion may cause nausea and vomiting.

Skin contact :

Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.

Eye contact :

Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

4.2 Most important symptoms & effects (acute & delayed) :

No additional data available.

4.3 Indication of any immediate medical attention or special treatment required :

Treat symptomatically.

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 : A fire will often produce a thick black smoke.

Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.

Thermal decomposition or combustion products may include the following substances:

Carbon dioxide (co₂), carbon monoxide (co), other toxic gases.

Containers close to fire should be removed or cooled with water.

5.3 Advice for firefighters :

Special protective equipment for fire-fighters:

Wear positive-pressure self-contained breathing apparatus (scba) and appropriate protective clothing.

6. Accidental Release Measures :

6.1 Personal precautions : 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.

6.2 Environmental precautions : Do not discharge into drains, water courses or onto the ground. Dispose of in line with local authority guidelines.

6.3 Methods and material for containment and cleaning up : Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections : Refer & consider sections 7, 8 & 13

7. Handling and Storage :

7.1 Precautions for safe handling : Handle in accordance with good hygiene and safety practice. 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.

7.2 Conditions for safe storage, including any incompatibilities : Keep the product container tightly closed, in a dry, ventilated area. Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.

7.3 Specific end use(s) : No Data

8. Exposure Control / Personal Protection :

8.1 Control parameters : No additional data available

8.2 Exposure controls :

Eye protection : Avoid contact with eyes. Wear safety goggles in accordance with standard en166.

Hand Protection : Wear suitable protective gloves that are resistant to chemical agents in accordance with standard en374.

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

Engineering Measures : Provide adequate ventilation.

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

Personal Protection : Avoid inhalation of the product. Avoid contact with skin and eyes.

Other Protection : Wear suitable protection to avoid contact with skin and eyes. Do not inhale vapours.

Process Conditions : Ensure area is well ventilated. Avoid vapour inhalation. Safety shower & eye bath.

Environmental Exposure Controls : Avoid discharging into drainage water, eliminate by authorised companies.

9. Physical & Chemical Properties :

Appearance : Thick viscous liquid.
Colour : Dark brown.
Odour : Characteristic.
Relative Density : No additional data available.
Flash Point : >200° F.
Refractive Index @ 25° C : 1.490 - 1.520 @ 25° C.
Solubility in water : Insoluble in water. Soluble in ethanol / oil.
Other information : No additional data available.



10. Stability and Reactivity :

10.1 Reactivity : Not applicable
10.2 Chemical stability : Stable under suggested storage conditions (<15° C).
10.3 Possibility of hazardous reactions : No.
10.4 Conditions to avoid : Storage at high temperatures. Do not store above 15°c. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Prevent storing the product in open containers for long periods so as to prevent product deterioration.
10.5 Incompatible materials : Avoid concentrated acids, alkalis & oxidising agents.
10.6 Hazardous decomposition products : This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke & carbon monoxide.

11. Toxicological Information :

11.1 Information on toxicological effects
Acute toxicity : Not classified.
Skin Irritation : Not classified.
Eye Damage : Not classified.
Respiratory or skin sensitivity : Not classified.
Germ cell mutagenicity : Not classified.
Cranogenicity : Not classified.
Reproductive Toxicity : Not classified.
STOT - single exposure : Not classified.
STOT - repeated exposure : Not classified.
Aspiration Hazards : Not classified.
Other Information : Not classified.

12. Ecological Information :

12.1 Toxicity : No additional data available.
12.2 Persistence & degradability : No additional data available.
12.3 Bio-accumulative potential : No additional data available.
12.4 Mobility in soil : No additional data available.
12.5 Results of PBT & VPVB assessment : No additional data available.
12.6 Other adverse effects : Do not allow product to enter streams, sewers or other waterways.

13. Disposal Methods :

Waste treatment methods :
Do not allow entry into drains or waterways.
Waste:
Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
Do not contaminate the ground or water with waste. Do not dispose of waste into the environment.
Soiled packaging:
Empty container completely. Keep label(s) on container.
Dispose of via a certified disposal contractor.

14. Transport Regulations :

14.1 UN-Number

ROAD : 3082

SEA : 3082

AIR : 3082

14.2 UN proper shipping name

Environmentally Hazardous Substance Liquid, N.O.S.

14.3 Transport hazard class(es)

ADR/RID

Adr/rid– Class 9

Adr Classification Code – M6

Special Provisions – 274 335 375 601 Limited Quantities – 5I

Expected Quantities – E1

Emergency Action Code – •3z

IMDG

Imdg – Class 9

Special Provisions – 274 335 375 601 Limited Quantities – 5I

Expected Quantities – E1

Imdg Ems – F-a, S-f

Storage And Handling – Category A

ICAO / IATA

Icao/iata– class 9

Iata proper shipping name - environmentally hazardous substance liquid n.O.S. Expected quantities – e1

Transport Label :



14.4 Packing group : ADR/RID PACKING GROUP: III IMDG PACKING GROUP: III ICAO PACKING GROUP: III

14.5 Environmental hazards : Environmentally Hazardous Substance/marine Pollutant.

14.6 Special precautions for user : See Sections 6-8.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code : Not Applicable.

15. Regulatory Information :

15.1 Safety, health and environmental regulations/legislation

EU Directive : 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 1999/45/EC and repealing Council Regulation (EEC) no 793/93 & Commission Regulation (EC) no 1488/94 as well as Council Directive 76/769/EEC & Commission Directive 91/155/EEC, 93/67/EEC, 93/105/EEC & 2000/21/EC (including amendments).

Statutory Instruments : The Chemicals (Hazard Information & Packaging for Supply) Regulations 2009 (S.I. 2009 no 716).

Approved code of practice : Classification & labelling of substances & preparations dangerous for supply. Safety data sheets for substances & preparations.

Guidance notes : Workplace exposure limits eh40. Chip for everyone hsg 108.

15.2 Chemical safety assessment : Assessment has not been carried out as this is a non-hazardous material according to Article 31 of REACH 1907/2006.

16. Further Information :

Hazard and/or precautionary statements in full :

H226 flammable liquid and vapour.

H228 flammable solid.

H302 harmful if swallowed.

H304 may be fatal if swallowed and enters airways.

Other Information : 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:

EVAZ INTERNATIONAL (INDIA)

Quality Assurance

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Abbreviations and acronyms:

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

IMDG : International Maritime Code for Dangerous Goods.

IATA : International Air Transport Association.

GHS : Globally Harmonised System of Classification and Labelling of Chemicals.

EINECS : European Inventory of Existing Commercial Chemical Substances.

CAS : Chemical Abstracts Service (division of the American Chemical Society).

PBT : Persistent, Bioaccumulative and Toxic.

vPvB : very Persistent and very Bioaccumulative.