



MSDS

MATERIAL SAFETY DATA SHEET According to 1907/2006/ EEC/ Article 31

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

 $\textbf{Extract Expert}^{\scriptscriptstyle{\mathsf{TM}}} \ \textbf{Spearmint Oil}$

Skin Conditioning Agent, Food/Beverage Additives, Cosmetic Application, Wellness.

84696-51-5

33012510

Evaz International

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2019/01/22

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079-40397289

2. Composition/information on Ingredients:

Composition
Chemical Identity

Mentha Spicata oil Limpid Liquid

3. Hazards Identification:

3.1 Classification of the substance or mixture

Classification according to regulation (67/548/eec)

Classification according to regulation (EU1272/2008)

Physical hazards

Health hazards

Environmental hazards

Labeling according to Regulation (EC) No 1272/2008

GHS Label

3.2 Label Elements

Signal Word
Contains

Hazard Statement

H304

H315

H317

H411

Not Classified

Not classified

Asp. Tox. 1 - h304, skin irrit. 2 - h315, skin sens. 1b - h317

Aquatic chronic 2 - h411







GHS09



GHS08

Danger

D-limonene, myrcene, beta-pinene, alpha-pinene

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Toxic to aquatic life with long lasting effects.







Precautionary Statements

P273

P280

P301+P310 if swallowed P302+P352 if on skin

P331

P333+P313 if skin irritation

P362+P364

P391

P501

Supplementary Precautionary

Statements

P264

Section 16 (Other Information)

3.3 Other Hazards

Adverse physiochemical properties Adverse effects on human health Pbt or vpvb according to Annex XIII Avoid release into the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

Immediately call a poison center/doctor.

Wash with plenty of water.

Do not induce vomiting.

Get medical advice/attention.

Take off contaminated clothing. And wash it before reuse.

Collect spillage.

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

Wash hands and exposed skin thoroughly after handling.

Risk & Safety phrases in full.

No data

No data

Product is not PBT OR vPvB.

4. First Aid Measures:

4.1 Description of first aid measures **General Information** After inhalation

After Ingestion

After skin contact

After Eye Contact

4.2 Most important symptoms effects, both acute and delayed Inhalation Ingestion Skin contact

Eye contact

4.3 Indication of any immediate medical attention and special treatment needed

Always remove contaminated clothing immediately.

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

Get medical attention immediately. Rinse mouth with water and obtain medical attention.

Remove contaminated clothes. wash thoroughly with soap and water contact the physician if irritation persists.

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

None None

None

None None

5. Fire Fighting Measures:

5.1 Extinguishing media Suitable extinguishing agents

5.2 Special hazards arising from the substance or mixture

Foam, Co2, Dry Chemical Powder.

Keep product and empty container away from heat and sources of ignition risk of ignition. 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





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

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

6.4 Reference to other sections

Avoid contact with eyes and skin. ensure adequate ventilation, especially in confined areas. wear protective gloves/protective clothing and eye/face protection. wash thoroughly after handling. use personal protective equipment as required. remove all sources of ignition. evacuate personnel to safe areas. keep people away from and upwind of spill/leak. pay attention to flashback. take precautionary measures against static discharges.

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

Absorb with liquid binding material e.g. sand, diatomaceous earth, vermiculite. take precautionary measures against static discharges. collect in closed and suitable containers for disposal in accordance with local, state or national legislation. prevent any material from entering drains or waterways. wash spill site after removal with a detergent

Refer & consider section 8,7,13

7. Handling and Storage:

7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothing. remove and wash contaminated clothing before re-use. do not eat, drink or smoke when using this product. wear personal protective equipment. do not breathe vapours or spray mist. use only in area provided with adequate ventilation

7.2 Conditions for safe storage, including any incompatibilities Storage

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 further relevant information available.

8. Exposure Control / Personal Protection:

Additional information about the design of technical systems

8.1 Control parameters
Components with limit values that require monitoring at the workplace

8.2 Exposure controls
Eye Protection
Hand Protection
Respiratory Equipment
Skin Protection

Wear protective gloves/eye protection/face protection.

No exposure limits noted for ingredient(s).

Wear protective gloves/eye protection/face protection.

Generally unnecessary in a well ventilated area. If ventilation, eyewash station and showersWear appropriate protective clothing to prevent eye contact. Wear clothing worn by personal shall be launderd regularly. After contact with the product, all parts of the body that have been exposed must be washed thoroughly.

Use of chemical resistant clothing is recommended when handling.

The lists that were valid during the creation were used as a basis.

Personal Protection



Expert*

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Other Protection

Process Conditions

Enviromental exposure controls

Hygiene Measures
Engineering Measures

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

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

Avoid discharging into dranage water. Only eliminate by authorised authorities.

Good personal hygiene practices are always advisable

Provide adequate ventilation, eyewash station and showers

9. Physical & Chemical Properties:

9.1 Information on basic physical and chemical properties

General Information

Appearance

Form

Colour

Odor

Odor threshold

Relative Density

Refractive Index

Flash Point (°C)

Melting Point (°C)

Boiling Point (°C)

Vapour Pressure

Solubility in Water @ 20°C

Liquid Colorle

Colorless-green/yellow

Characterstic

Not determined

Approx. 0.92 @ 20° C

1.480 - 1.495 @ 20° C

63°C.

10.0°C

101°C. at 101 325 pa

0.015 kpa@ 25°C

Insoluble in Water



9.2 Other information

No further relevant information available.

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

No hazardous reaction if stored and handled as prescribed/indicated

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

No dangerous reactions known.

Storage at high temperatures. Do not store above 15°C.

Avoid contact with strong acids, alkalis or oxidising agents.

Not expected under normal temperature conditions and recommended use. thermal decomposition may release/form oxides of carbon (carbon monoxide, carbon dioxide) and other toxic gases

11. Toxicological Information:

11.1 Information on toxicological effects

Acute toxicity
Primary irritant effect
On the skin
On the eye



No Data

Causes skin irritation.

Based on reach data spearmint oil does not need to be classified as an eye irritant, in accordance with the criteria outlined in annex I of clp (1272/2008/ec)..





Sensitization
Germ cell mutagenicity
Carcinogenicity
Reproductive toxicity
Additional toxicological information
STOT — single exposure
STOT — repeated exposure
Aspiration hazard

May cause an allergic skin reaction..

Not Classified

Not Classified

No Data

No Data

No Data

May be fatal if swallowed and enters airways.

No Data

12. Ecological Information:

12.1 Toxicity

Aquatic toxicity

Other information

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

Toxic to aquatic life with long lasting effects.

Product is considered readily biodegradable.

Low potential for bioaccumulation.

Log koc values for the known constituents of spearmint oil was found to be 1.53 - 4.30

This substance is not considered to be persistent, bioaccumulating nor toxic (pbt)

Do not allow product to enter streams, sewers, or other waterways.

13. Disposal Methods:

13.1 Waste treatment methods
Recommendation

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 UN-Number

ROAD

RAIL

AIR

14.2 UN proper shipping name

14.3 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

3082

3082

3082

Environmentally hazardous substance, liquid N.O.S.

CLASS 9

Μ6

274 335 375 601

5L

Εl

3Z

CLASS 9

274 335 375 601

5L

E1









IMDG EMS
STOWAGE AND HANDLING
ICAO/IATA
IATA PROPER SHIPPING NAME
EXPECTED QUANTITIES
Transport Labels

14.4 Packing group

14.5 Environmental hazards

14.6 Special precautions for users14.7 Transport in bulk according to Annex II of Marpol 73/78 and F-A, S-F CATEGORY A CLASS 9

ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S.

Εl



ADR/RID/ADN PACKING GROUP III IMDG PACKING GROUP III ICAO PACKING GROUP III



See section 6-8

No Data.

15. Regulatory Information:

15.1 Product-specific safety, health & environmental regulations & legislation EU Directives

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).

Statutory Instruments

Approved Code of Practice

Guidance Notes

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.

15.2 Chemical Safety Assessment

None

16. OTHER INFORMATION:

Hazard and/ or precautionary statements in full

H226

H228

H302

H304

H315

H317

H319

H361

H400

Flammable liquid and vapour.

Flammable solid.

Harmful if swallowed.

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Suspected of damaging fertility or the unborn child.

Very toxic to aquatic life.





H410 H411

H412

The clp additivity calculation includes:

H319 H400 H410



Training instructions

Other information



Department issuing MSDS

Quality Assurance

Contact

Abbreviations and acronyms

MSDS

INCI

RID

ICAO

ADR

IMDG

ADN

IATA

GHS

TREM CARD

EINECS

CAS

PBT

vPvB

STOT



Very toxic to aquatic life with long lasting effects.

Toxic to aquatic life with long lasting effects.

Harmful to aquatic life with long lasting effects.

Eye irrit. 2

Aquatic acute 1

Aquatic chronic 1

However, spearmint oil has been classified according to reach data: not classified as an eye irritant

classified as aquatic chronic 2 and not aquatic acute 1 or aquatic chronic 1

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.

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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 Maritime Code for Dangerous Goods.

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.



