Material security data sheet

Printed : 30/11/2021 Revised : 001NEW21-1-CLP from 30/11/2021

CHERVIL ESS OIL

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

CHERVIL ESS OIL

C.A.S Number : 85085-20-7 ; ;
C.A.S EINECS Number :
C.A.S (TSCA) :
EINECS Number : 285-352-5
EC Number :
REACH Registration n° : Low tonnage exemption <1T /year

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

Concentrated aromatic raw material.
Not intended for personal use in this form or concentration.
For industrial use only, not for retail sale.

USE : **Perfuming substance ; flavouring substance**

1.3. Details of the supplier of the safety data sheet

Company : SAS DIFFUSIONS AROMATIQUES
558 allée des Parfums
Parc d'activités "Les Hauts de Grasse"
06530 SAINT-CEZAIRE-SUR-SIAGNE
Tel:+33 (0)4 93 60 82 82
Fax :+33 (0)4 93 60 82 79
Web :www.diffusions-aromatiques.fr
Email :contact@diffusions-aromatiques.fr

1.4. Emergency telephone number

Emergency telephone number 24h/24 - 7d/7: ORFILA (INRS) : +33.(0)1.45.42.59.59

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Classification :

(RegulationCLP)

AH1 Aspiration hazard 1
ATO4 Acute toxicity oral 4
CAR2 Carcinogenicity 2
EDI2 Serious eye damage / eye irritation 2
EHA1 Hazardous to the aquatic environment, acute hazard 1
EHC1 Hazardous to the aquatic environment, long-term hazard 1
MUT2 Germ cell mutagenicity 2
SCI2 Skin corrosion / irritation 2
SS1 Sensitisation skin 1

H302 - Harmful if swallowed.
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.
H341 - Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H351 - Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routs of exposure cause the hazard>.
H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Classification :

(RegulationCLP)

Warning mention : Danger

AH1	Aspiration hazard 1
ATO4	Acute toxicity oral 4
CAR2	Carcinogenicity 2
EDI2	Serious eye damage / eye irritation 2
EHA1	Hazardous to the aquatic environment, acute hazard 1
EHC1	Hazardous to the aquatic environment, long-term hazard 1
MUT2	Germ cell mutagenicity 2
SCI2	Skin corrosion / irritation 2
SS1	Sensitisation skin 1

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H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.

P264 - Wash ... thoroughly after handling.
P270 - Do no eat, drink or smoke when using this product.
P273 - Avoid release to the environment.
P281 - Use personal protective equipment as required.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

2.3. Other hazards

Contains Estragole, Methyl isoeugenol (Isoeugenol methyl ether), Beta pinene, alpha-Pinene, Myrcene, Limonene, Undecane, Methyl eugenol

No information available.

3. COMPOSITION / INFORMATION ON INGREDIENT

3.1. Components

Material	C.A.S	EINECS	Risk Symbol	Percent %
Estragole	140-67-0	205-427-8	ATO4, CAR2, EDI2, EHC3, MUT2, SCI2, SS1A - H302, H315, H317, H319, H341, H351, H412	[50-70]
Methyl isoeugenol (Isoeugenol methyl ether)	93-16-3	202-224-6	SS1B - H317, H402	[30-50]
Beta pinene	127-91-3		AH1, EHA1, EHC1, FL3, SCI2, SS1B - H226, H304, H315, H317, H400, H410	[20-30]
alpha-Pinene	80-56-8	201-291-9	AH1, ATO4, EHA1, EHC1, FL3, SCI2, SS1B - H226, H302, H304, H315, H317, H400, H410	[20-30]
Myrcene	123-35-3	204-622-5	AH1, EDI2, EHA1, EHC2, FL3, SCI2 - H226, H304, H315, H319, H400, H411	[10-20]
Limonene	5989-27-5	227-813-5	AH1, EHA1, EHC2, FL3, SCI2, SS1B - H226, H304, H315, H317, H411	[1-5]
Undecane	1120-21-4		AH1 - H304	[1-5]
Methyl eugenol	93-15-2	202-223-0	ATO4, CAR2, MUT2 - H302, H341, H351	[1-5]

3.2. Description

BOTANICAL NAME : **Anthriscus cerefolium**

4. FIRST AID MEASURES

4.1. Description of first aid measures

General notes: Take Risk and Safety phrases (section 15) into account.

Following inhalation:
Remove from exposure site to fresh air and keep at rest. Obtain medical advice.

Following skin contact:
Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.

Following eye contact:
Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

Following ingestion:
Rinse mouth with water and obtain medical advice.

Notes for the doctor:
Treat symptomatically and supportively.
Treatment may vary with condition of victim and specifics of incident.

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

It presents no significant acute and delayed symptoms.

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

Attending physician should treat exposed patients symptomatically
Contact with skin : wash immediately and abundantly with water and soap.Rinse then with clear water.
Contact with eyes : Abundant rinsing with water (15 minutes open eyelids) then washing with an ocular lotion standard Dacryoserum.In case of disorder, consult an ophtalmologist.
In the event of swallowed : Not make vomit, maintain the patient at rest. Resort to the medical care.
Soiled clothing : withdraw soiled clothing and re-use them only after decontamination.

Persons with pre-existing skin, eye, or respiratory disease may be at increased risk from the irritant or allergic properties of this material.

5. FIRE FIGHTING

5.1. Extinguishing media

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

Flammability : The product is not flammable..
Prévention: Do not smoke. Do not use flame near.

5.3. Advice for firefighters

Never use a direct stream of water.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use individual protective equipment (waterproof boots, suitable protective clothing, and safety glasses). Prevent any contact with hot surfaces. Do not approach facing the wind. Ensure adequate ventilation. Do not breathe vapour/spray.

6.2. Environmental precautions

Do not allow to enter sewers/ surface or ground water.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4. Reference to other sections

See Section 7 for information on safe handling.
See section 8 for information on personal protection equipment.
See Section 13 for information on disposal

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling: Avoid excessive inhalation of concentrated vapors. Follow good manufacturing practices for housekeeping and personal hygiene. Wash any exposed skin immediately after any chemical contact, before breaks and meals, and at the end of each work period. Contaminated clothing and shoes should be thoroughly cleaned before re-use.
If appropriate, procedures used during the handling of this material should also be used when cleaning equipment or removing residual chemicals from tanks or other containers, especially when steam or hot water is used, as this may increase vapor concentrations in the workplace air. Where chemicals are openly handled, access should be restricted to properly trained employees.
Keep all heated processes at the lowest necessary temperature in order to minimize emissions of volatile chemicals into the air.
Advice on protection against fire and explosion: Keep away from ignition sources and naked flame.Close

packing after use. Reproduce labelling if transfer in another container.

7.2. Conditions for safe storage, including any incompatibilities

-Avoid any useless exposure. Keep aways from food and drinks.
-Preserve only in the container of origin in a fresh place and broken down well. Keep the containers closed out of their use.
-Do not leave it near heat source, direct rays of the sun

7.3. Specific end use(s)

Not available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

NO CONCERNED

8.2. Exposure controls

General protective and hygienic measures: Avoid skin and eyes contact. Keep away from foodstuffs, beverages and feed.Wash hands before breaks and at the end of work.
Personal Protection :
- Hand protection: Wear gloves.
- Eye protection: Wear glasses.
- Respiratory protection : Wear a mask.
-Ingestion : Do not use, dreak and smoke during use.

Eye and face protection: Use tight-fitting goggles, face shield or safety glasses with side shields if eye contact might occur.
Skin protection: Wear appropriates dust resistant clothing. Avoid skin contact. Use chemically resistant gloves.
Protective gloves: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
Respiratory protection: See local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured.
Thermal hazards: Not available.
Environmental exposure controls: Prevent from entering sewers, basements and workpants, or any place where its accumulation can be dangerous.
Consumer exposure controls: Avoid breathing directly on the product. Apply local ventilations when appropriate.Wash hands with soap and water after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Shelf life :	**24 months in below conditions, after this time it can be used after control.**
FREEZING POINT :	**ND**
POINT D'INFLAMMATION :	**ND**
IGNITION TEMPERATURE (°C) :	**ND**
EXPLOSIVE LIMITS :	**ND**

Appearance :	**Liquid**
Color :	**Light yellow to brownish yellow**
ODOR :	**Characteristic of chervil fresh leaves**
Relative density (d20/20) :	**[0.830 ; 0.990]**
Refractive index to 20°C :	**[1.510 ; 1.530]**
Flash point :	**>46°C**
Solubility(ies) :	**Insoluble in water, soluble in ethanol**
PH :	**3,2**
OPTICAL ROTATION (°) :	**ND**
Vapor pressure :	**ND**
Partition coef (n-octanol/water :	**ND**
FUSION POINT (capillarity) °C :	**ND**
BOILING POINT (°C) :	**ND**

9.2. Other information

NO CONCERNED

10. STABILITY AND REACTIVITY

10.1. Reactivity

·**Dangerous reactions :** No dangerous reactions known.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Avoid contact with strong acids, alkali or oxidizing agents.

10.6. Hazardous decomposition products

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
Dangerous decomposition products: Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological Informations Acute :

DL50 (dermal/ rat) mg/kg : **ND**

LD50 ORAL/RAT (mg/kg) : **ND**

PRESENCE of CMR : **May naturally (technically unavoidable) contain Estragole <52% ; Methyl eugenol 1.40%**

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Do not leave the product, even diluted or in great quantity, penetrate the ground water, water or the drains.

12.2. Persistence and degradability

BIODEGRADABILITY : **ND**

12.3. Bioaccumulative potential

NO CONCERNED

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

NO CONCERNED

13. DISPOSAL RECOMMENDATIONS

13.1. Waste treatment methods

Product : Recommandation : Does not have to be evacuated with the refuse . Not to let penetrate in the sewers.
Not cleaned packing : Recommandation : Evacuation in accordance with the regulations.

14. TRANSPORT INFORMATION

14.1. UN number

: NO CONCERNED
:NO CONCERNED
IATA :NO CONCERNED

UN N° : **1169 (extracts, aromatic, liquid)**

14.2.Transport hazard class(es) and Packing group

RID/ADR (Road) : **3 III subsidiary risk HAZARDOUS TO ENVIRONMENT**

IATA (Air) : **3 III**

IMDG (Sea) : **3 III subsidiary risk HAZARDOUS TO ENVIRONMENT - Marine pollutant**

15. REGULATORY INFORMATION

The product is not classified.

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

Class of water contamination (Germany) : WGK

15.2. Chemical safety assessment

NO CONCERNED

16. OTHER INFORMATION

Full H sentenses text in point 3 :

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
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.
H341	Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no

other routes of exposure cause the hazard>.

H351	Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routs

of exposure cause the hazard>.

H400	Very toxic to aquatic life.
H402	Nocif pour les organismes aquatiques
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Material security data sheet according to 2001/58/CEE.
These indications are founded on the current state of our knowledge, but do not constitute a guarantee as for the properties of the product and do not give place to a contractual legal report.

REVISION DATE : **31/10/2021**