

PRODUCT: DILL OIL

Revision date: 03/20/2023

Version: 4

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: DILL-WEED-US-HB

Chemical name: Anethum Graveolens, oil

Obtained from the seeds or leaves of the Dill, Anethum graveolens L., Apiaceae.

INCI Name: Anethum Graveolens, oil

Synonyms & Trade Names: -

CAS: 8006-75-5
90028-03-8

EC Number: 289-790-8 / -

EINECS No.: 289-790-8 / -

1.2 Relevant identified uses of the substance or mixture: External use only. Do not ingest as such.

1.3 Details of the supplier of the safety datasheet:

Scent.vn Company Limited

Email: lienhe@scent.vn

Phone: 078.531.0501

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

The Full Text for all Hazard Statements displayed in Section 16.

Classification (EC 1272/2008)

FlammableLiquid, HazardCategory 3. H226 Aspiration toxicity Category 1 - (H304)

Skin corrosion/irritation Category 2 - (H315) Skin sensitization Category 1 - (H317)

2.1 Label elements

Label in accordance with (EC) No 1272/2008

GHS02 GHS07 GHS08 GHS09



Signal Word: Danger

Contains Limonene

Hazard Statements

H226: Flammable liquid and vapor.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H410: Very toxic to aquatic life with long lasting effects.

Precautionary Statements

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P370+P378: In case of fire: Use water to extinguish.

P301+P310: IF SWALLOWED: Immediately call a POISONCENTER/ doctor.

P331: Do NOT induce vomiting.

P280: Wear protective gloves/ protective clothing/eye protection/ face protection.

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

P261: Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P321: Specific treatment (see Medical Advice on this label).

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P362+P364: Take off contaminated clothing. And wash it before reuse.

P302+P352: IF ON SKIN: Wash with plenty of water.

P273: Avoid release to the environment.

P391: Collect spillage.

Supplementary Precautionary Statements

P264: Wash hands and exposed skin thoroughly after handling.

P332+P313: If skin irritation occurs: Get medical advice/attention.

2.2 Other hazards

PBT or vPvB according to Annex XIII: No additional data available.

Adverse physio-chemical properties: No additional data available.

Adverse effects on human health: No additional data available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

45 - 55% Carvone

CAS No: 2244-16-8

EC No: 218-827-2

Classification (EC 1272/2008) Skin Sens. 1 – H317

<43% Limonene

CAS-No: 5989-27-5

EC No: 227-813-5

Classification (EC 1272/2008) Flam Liq. 3 - H226, Asp. Tox. 1 - H304, Skin Irrit.

2 - H315, Skin Sens. 1 - H317, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410

< 4% (Z)-dihydro Carvone

CAS No: 99-49-0

EC No: 202-759-5

Classification (EC 1272/2008) Skin Sens. 1 – H317

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Consumption:	Wash mouth out with water and obtain medical advice immediately. DO NOT INDUCE VOMITING!
Eye contact:	Flush with plenty of water for at least 15 minutes. Remove contact lenses. Seek medical advice.
Inhalation:	Remove from exposure area to fresh air. Obtain medical advice if discomfort occurs.
Skin contact:	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

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

Symptoms Contact: may cause an allergic reaction.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

5.2 Special hazards arising from the substance or mixture:

Specific hazards arising from the Thermal decomposition can lead to release of irritating and toxic gases and vapors.

5.3 Advice for firefighters:

Standard procedure for chemical fires.

Spray extinguishing media to base of flames. Wear protective clothing.

Avoid inhalation of vapors.

Wear suitable respiratory equipment, if insufficient ventilation.

Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation, especially in confined areas. For emergency responders

Use personal protection recommended in Section 8.

6.2 Environmental precautions:

Do not discharge into drains, water courses or onto the ground.

Keep away from surface and ground water.

See section 12 for additional information.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Ensure adequate ventilation.

Absorb with inert, non-combustible, inorganic absorbent material, sweep up and remove to an approved disposal container.

Dispose of according to current local authority guidelines.

6.4 Reference to other sections:

See also sections 4, 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation.

Keep original container closed. Avoid contact with skin and eyes.

Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

Keep away from heat, sparks and open flame. Avoid exposing to high temperatures during processing.

7.2 Conditions for safe storage, including any in compatibilities:

Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s):

No additional data available.

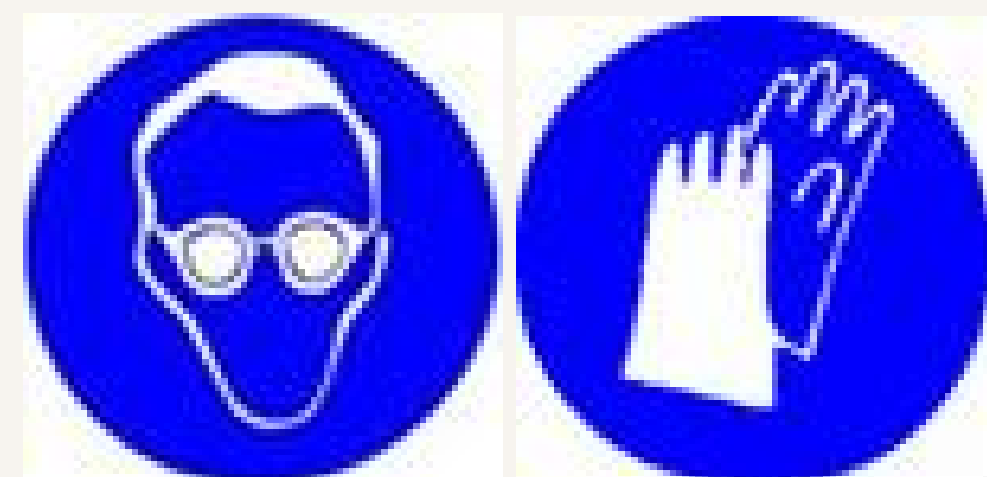
SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Control parameters

No additional data available.

8.2 Exposure controls

Protective Equipment



Process Conditions	Provide eyewash station
Engineering Measures	Provide adequate ventilation, especially in confined areas.
Respiratory Equipment	Avoid breathing vapors. Respiratory equipment should not be necessary with adequate ventilation.
Hand Protection	Avoid all skin contact. Wear chemical resistant gloves (PVC).
Eye Protection	Avoid contact with eyes. Wear approved safety goggles with built in side shield. Other
Protection	No additional data available.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Keep away from foodstuffs, beverages and feed.
Personal Protection	Avoid inhalation and contact with skin and eyes.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorized companies.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Clear liquid
Color	Pale yellow.
Odor	Characteristic
Relative Density	Approx. 0.900 @ 20°C
Flash Point (°C)	48 °C
Melting Point (°C)	No additional data available
Boiling Point (°C)	No additional data available
Vapor Pressure	No additional data available.
Solubility in Water @20°C	No additional data available.
Auto-ignition temperature (°C)	No additional data available.

9.2 Other information

No additional data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal temperature and storage conditions and recommended use.

10.2 Chemical stability

Stable under normal temperature and storage conditions and recommended use.

10.3 Possibility of hazardous reactions

Not expected under normal temperature conditions and recommended use.

10.4 Conditions to Avoid

Avoid heat, sparks and open flames. Avoid exposure to air over prolonged periods.

10.5 Incompatible materials

No additional data available.

10.5 Hazardous decomposition products

Not expected under normal temperature conditions and recommended use.
In case of combustion; CO₂ and CO may be released.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects

Acute Toxicity	No Additional Data Available.
Skin Corrosion/ Irritation	Causes Skin Irritation.
Serious Eye Damage/ Irritation	No Additional Data Available.
Respiratory Or Skin Sensitization	May Cause An Allergic Skin Reaction.
Germ Cell Mutagenicity	No Additional Data Available.
Carcinogenicity	No Additional Data Available.
Reproductive Toxicity	No Additional Data Available.
STOT-Single Exposure	No Additional Data Available.
STOT-Repeated Exposure	No Additional Data Available.
Aspiration Hazard	May Be Fatal If Swallowed And Enters Airways
Photo-Toxicity	No Additional Data Available.
Other Information	No Additional Data Available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Acute aquatic toxicity:

Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability:

No information available.

12.3 Bioconcentration Factor:

No information available.

12.4 Mobility in soil:

No information available.

12.5 Results of PBT and vPvB assessment:

Not determined.

12.6 Other adverse effects:

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

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company. Containers must be completely empty before disposal.

SECTION 14: TRANSPORT INFORMATION

14.1 UN NUMBER

UN No. Road	UN 1169
UN No. SEA	UN 1169
UN No. AIR	UN 1169

14.2 UN PROPER SHIPPING NAME

Extracts, Aromatic, Liquid.

ADR/RID/ADN Class	3 Flammable Liquid.
IMDGClass:	3 Flammable Liquid.
ICAO Class/Division:	3 Flammable Liquid.
Transport Labels:	



14.4 PACKING GROUP

ADR/RID/ADN 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

No additional data available.

14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE

No additional data available.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health And Environmental Regulations/Legislation Specific For The Substance Or Mixture

Statutory Instruments

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

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG (108). EU

Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.1 Chemical Safety Assessment: No additional information available.

SECTION 16: OTHER INFORMATION

Hazard and/or Precautionary Statements in Full

H226: Flammable liquid and vapor.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

Key literature references and sources for data:

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
2. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
3. OSHA (US) 29 CFR 1910.1200 and 49 CFR, modifying the Hazard Communication Standard and aligning it with the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

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