



SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING	
1.1. Identification of the substance/mixture	
Trade name:	MARJORAM OIL, SPAIN
Substance name:	MARJORAM OIL
CAS Number:	84837-14-9
CE Number:	284-294-8
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Raw material for the manufacture of fragrances and/or flavourings.	
1.3. Details of the supplier of the safety data sheet	
Company:	Etja s.c.
Address:	Ul. ŁĘCZYCKA 29 82-300 ELBLĄG
Telephone:	+48 (55) 233 09 87
E-mail:	etja@etja.pl
1.4. Emergency telephone number	
112	

SECTION 2. HAZARDS IDENTIFICATION
2.1. Classification of the substance or mixture
Flammable Liquids - Category 3 - H226 Skin Irritant - Category 2 - H315 Eye Irritant - Category 2 - H319 Skin sensitizer - Category 1B - H317 Aspiration hazard - Category 1 - H304 Hazardous to the aquatic environment, long-term (chronic) - Category 2 - H411
2.2. Label Elements
Hazard pictograms
Signal Word: Danger
H226 – Flammable liquid and vapour. 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: P210 – Keep away from heat/sparks/open flames/hot surfaces. — No smoking. P261 – Avoid breathing dust/fume/gas/mist/vapours/spray. P280 – Wear protective gloves/protective clothing/eye protection/face protection.



P301+P310+P331 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. P302+P352+P333+P313 – IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. P305+P351+P338+P337+P313 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Supplemental Hazard Information: Contains EUCALYPTOL, LIMONENE, ALPHA-PINENE, BETA-PINENE. May produce an allergic reaction.
2.3. Other hazards
No Information available

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS			
3.1. Substances			
Chemical name:	MARJORAM OIL		
CAS number:	84837-14-9		
EC number:	284-294-8H		
Hazardous constituents:			
Chemical Name	% (w/w)	CAS No EC No	Classification according to Regulation 1272/2008
EUCALYPTOL	≥50	470-82-6 207-431-5	Flam. Liq. 3 - H226 Skin Sens. 1B - H317
LINALOOL	≥10; <25	78-70-6 201-134-4	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317H
LIMONENE	≥1; <10	10 138-86-3 205-341-0	Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
BETA-PINENE	≥1; <10	127-91-3 204-872-5	Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
ALPHA-PINENE	≥1; ≤10	80-56-8 201-291-9	Flam. Liq. 3 - H226 Acute Tox. 4 (oral) - H302 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
GAMMA-TERPINENE	≥0.1; <1	99-85-4 202-794-6	Flam. Liq. 3 - H226 Repr. 2 - H361 Asp. Tox. 1 - H304



TERPINOLENE	≥ 0.1 ; < 1	586-62-9 209-578-0	Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
See the full text of the hazard statements in section 16.			
3.2. Mixtures			
Not applicable.			

SECTION 4. FIRST-AID MEASURES

4.1. Description of necessary first aid measures

Ingestion:	Rinse mouth with water. Obtain medical advice. Keep at rest. Do not induce vomiting
Eye contact:	In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical advice.
Inhalation:	Remove person to fresh air and keep at rest. Seek immediate medical advice.
Skin contact:	Take off immediately all contaminated clothing. Thoroughly wash affected skin with soap and water. Seek medical attention if symptoms persist.
4.2. Most important symptoms and effects, both acute and delayed	
No information available.	
4.3. Indication of any immediate medical attention and special treatment needed	
No information available.	

SECTION 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Water spray, carbon dioxide, dry chemical powder or appropriate foam.
For safety reasons do not use full water jet.

5.2. Special hazards arising from the substance or mixture

Known or Anticipated Hazardous Products of Combustion: Emits toxic fumes under fire conditions.

5.3. Advice for firefighters

High temperatures can lead to high pressures inside closed containers.
Avoid inhalation of vapors that are created. Use appropriate respiratory protection.
Do not allow spillage of fire to be poured into drains or watercourses.
Wear self-contained breathing apparatus and protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate surrounding areas. Ensure adequate ventilation. Keep unnecessary and unprotected personnel from entering.
Do not breathe vapor/spray. Avoid contact with skin and eyes. Information regarding personal protective measures: see section 8.

6.2. Environmental precautions

To avoid possible contamination of the environment, do not discharge into any drains, surface waters or groundwaters.



6.3. Methods and materials for containment and cleaning up
Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors. Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater). Ventilate area and wash spill site after material pickup is complete.
6.4. Reference to other sections
Information regarding exposure controls, personal protection and disposal considerations can be found in sections 8 and 13.

SECTION 7. HANDLING AND STORAGE
7.1. Precautions for safe handling
Do not store or handle this material near food or drinking water. Do not smoke. Avoid contact with the eyes, skin and clothing. Wear protective clothing and use glasses. Observe the rules of safety and hygiene at work. Keep in the original container or an alternative made from a compatible material.
7.2. Conditions for safe storage, including any incompatibilities
Store in tightly closed and preferably full containers in a cool, dry and ventilated area, protected from light. Keep away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharges). Keep away from incompatible materials (see section 10).
7.3. Specific end use(s)
No information available.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION	
8.1. Control parameters	
Components with occupational exposure limits: None known.	
8.2. Exposure controls	
Appropriate engineering controls:	Measures should be taken to prevent materials from being splashed into the body. Provide adequate ventilation, according to the conditions of use. Use a mechanical exhaust if required.
Eye/Face protection:	Chemical safety goggles are recommended. Wash contaminated goggles before reuse
Hand Protection:	Chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.
Body protection:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved.
Respiratory Protection:	In case of insufficient ventilation, use suitable respiratory equipment.
Environmental exposure controls:	Emissions from ventilation or process equipment should be checked to ensure they comply with environmental protection legislation. In some cases, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES	
9.1. Information on basic physical and chemical properties	
Appearance:	Liquid
Colour:	Conforms to standard
Odour:	Conforms to standard
Odour threshold:	Not determined
pH:	Not determined
Melting point/freezing point:	Not determined
Boiling point/boiling range:	Not determined
Flash point:	52 °C
Evaporation rate:	Not determined
Flammability:	Not determined
Lower flammability/Explosive limit:	Not determined
Upper flammability/Explosive limit:	Not determined
Vapour pressure:	Not determined
Vapour Density:	Not determined
Density:	0,89–0,91 g/mL (20°C)
Relative density:	0,89–0,91 (20°C)
Water solubility:	SOLUBLE 1:2,2 ETHANOL 80°
Solubility in other solvents:	SOLUBLE IN ETHANOL
Partition coefficient n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity, dynamic:	Not determined
Viscosity, kinematic:	Not determined
Explosive properties:	Not determined
Oxidising properties:	Not determined
9.2. Additional information	
No information available.	

SECTION 10. STABILITY AND REACTIVITY
10.1. Reactivity
No hazardous reactions if stored and handled as prescribed/indicated.
10.2. Chemical stability
The product is stable if stored and handled as prescribed/indicated.
10.3. Possibility of hazardous reactions
No hazardous reactions if stored and handled as prescribed/indicated.
10.4. Conditions to Avoid
Conditions to Avoid: Excessive heat, flame or other ignition sources.
10.5. Incompatible materials
Avoid contact with strong acids and bases and oxidizing agents.
10.6. Hazardous decomposition products
During combustion may form carbon monoxide and unidentified organic compounds.



SECTION 11. TOXICOLOGICAL INFORMATION	
11.1. Information on toxicological effects	
Acute toxicity	Based on the data available, the criteria for classification are not met.
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Based on the data available, the criteria for classification are not met.
Respiratory or skin sensitisation	May cause an allergic skin reaction.
Germ cell mutagenicity	Based on the data available, the criteria for classification are not met.
Carcinogenicity	Based on the data available, the criteria for classification are not met.
Reproductive toxicity	Based on the data available, the criteria for classification are not met.
STOT-single exposure	Based on the data available, the criteria for classification are not met.
STOT-repeated exposure	Based on the data available, the criteria for classification are not met.
Aspiration hazard	May be fatal if swallowed and enters airways.

SECTION 12. ECOLOGICAL INFORMATION
12.1. Toxicity
Assessment: Toxic to aquatic life with long lasting effects. Experimental/calculated data: No information available.
12.2. Degradability
No information available.
12.3. Bioaccumulative potential
No information available.
12.4. Soil mobility
No information available.
12.5. Results of PBT and vPvB assessment
No information available.
12.6. Other adverse effects
See also sections 6, 7, 13 and 15 Do not allow to get into waste water or waterways.

SECTION 13. DISPOSAL CONSIDERATIONS
13.1. Waste treatment methods
Dispose of in accordance with national and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION			
	ADR/RID/ADN	IMDG	IATA-ICAO
14.1. UN Number	UN1993	UN1993	UN1993
14.2. UN Proper Shipping Name	FLAMMABLE LIQUID, N.O.S. (LIMONENE)H	FLAMMABLE LIQUID, N.O.S. (LIMONENE)H	FLAMMABLE LIQUID, N.O.S. (LIMONENE)H
14.3. Transport Hazard Class(es)	3	3	3
14.4. Packing Group	III	III	III
14.5. Environmental hazards	Yes	Yes	Yes



Additional information			
14.6 Special precautions for user			
None known			
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code			
No information available			

SECTION 15: REGULATORY INFORMATION
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
No information available
15.2. Chemical safety assessment
No information available

SECTION 16: OTHER INFORMATION
Full text of the R-phrases, hazard statements and precautionary statements mentioned in section 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. H361 – Suspected of damaging fertility or the unborn child H400 – Very toxic to aquatic life. H410 – Very toxic to aquatic life with long lasting effects