



SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **OREGANO OIL**

Other name(s): Oreganum vulgare

Recommended use of the chemical and restrictions on use: Essential oil.

Supplier: NOW Health Group, Inc
Street Address: NOW Foods
395 S. Glen Ellyn Rd.
Bloomington, IL 60108

Telephone Number: 630-545-9098
Emergency Telephone: 800-255-3924 ChemTel

2. HAZARDS IDENTIFICATION

Classified as Dangerous Goods by the criteria of the Occupational Safety and Health (OSHA) for Transport by Road and Rail; **DANGEROUS GOODS.**

This material is hazardous according to OSHA; **HAZARDOUS SUBSTANCE.**

Classification of the substance or mixture:

Flammable liquids - Category 3
Skin Irritation - Category 1
Skin Sensitization - Category 1

The following health/environmental hazard categories fall outside the scope of the Workplace Health and Safety Regulations:

Acute Oral Toxicity - Category 2
Acute Aquatic Toxicity - Category 1
Chronic Aquatic Toxicity - Category 1

SIGNAL WORD: WARNING





SAFETY DATA SHEET

Hazard Statement(s): H227

Combustible liquid. H315

Causes skin irritation.

H317 May cause an allergic skin reaction.

H411 May be toxic to aquatic life with long lasting effects.

Precautionary Statement(s):

Prevention:

P210 Keep away from flames and hot surfaces. No smoking.

P261 Avoid breathing mist / vapors / spray.

P264 Wash hands thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

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

Response:

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

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

P321 Specific treatment (see First Aid Measures on Safety Data Sheet).

P362 Take off contaminated clothing and wash before reuse.

P363 Wash contaminated clothing before re-use.

P370 In case of fire:

P378 Use alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal protein foam can be used to extinguish.

P391 Collect spillage.

Storage:

P403+P235 Store in a well-ventilated place. Keep cool.

Disposal:

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Poisons Schedule (SUSMP): None allocated.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Hazard Codes
Oregano oil	8007-11-2	100%	H227, H303, H315, H317, H401, H411

4. FIRST AID MEASURES

Inhalation:

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.



SAFETY DATA SHEET

Skin Contact:

If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water and soap. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye Contact:

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes.

Ingestion:

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.

Indication of immediate medical attention and special treatment needed:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal protein foam can be used.

HAZMAT or Emergency Action Code: - 3Z**Specific hazards arising from the substance or mixture:**

Combustible liquid. On burning will emit toxic fumes, including those of oxides of carbon.

Special protective equipment and precautions for fire-fighters:

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapor or products of combustion. Keep containers cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures/Environmental precautions:

Shut off all possible sources of ignition. Clear area of all unprotected personnel. If contamination of sewers or waterways has occurred advise local emergency services.

Personal precautions/Protective equipment/Methods and materials for containment and cleaning up:

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapors. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

7. HANDLING AND STORAGE

Classified as a C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

Precautions for safe handling:

Avoid skin and eye contact and breathing in vapor.



SAFETY DATA SHEET

Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: No value assigned for this specific material by Safe Work Australia.

Appropriate engineering controls:

Use in well ventilated areas. If inhalation risk exists: Use with local exhaust ventilation or while wearing organic vapor/particulate respirator. Keep containers closed when not in use.

Individual protection measures, such as Personal Protective Equipment (PPE):

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.



Wear overalls, chemical goggles and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. If determined by a risk assessment an inhalation risk exists, wear an organic vapor/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Colorless to Light Yellow
Odor:	Characteristic
Threshold:	Not available
Solubility:	Insoluble in water. Soluble in most oils and alcohol. Insoluble in mineral oil .
Specific Gravity:	0.896 - 0.908 @ 25°C; 0.899 - 0.911 @ 20°C
Relative Vapor Density (air=1):	Not available
Vapor Pressure (20 °C):	Not available
Flash Point (°C):	>61-75
Flammability Limits (%):	Not available
Auto ignition Temperature (°C):	Not available
Melting Point/Range (°C):	Not available
Boiling Point/Range (°C):	Not available
Decomposition Point (°C):	Not available
pH:	Not applicable
Viscosity:	Not available
Partition Coefficient:	Not available



SAFETY DATA SHEET

10. STABILITY AND REACTIVITY

Reactivity:	No information available.
Chemical stability:	Stable under normal conditions of use.
Possibility of hazardous reactions:	Hazardous polymerization will not occur.
Conditions to avoid:	Avoid exposure to high heat, sources of ignition, and open flame.
Incompatible materials:	Incompatible with oxidizing agents.
Hazardous decomposition products:	Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	May cause gastrointestinal tract irritation. May affect behavior/central nervous system (mild stimulation followed by depression, twitching, spastic convulsions, ataxia) and respiration (slowed respiration). Other symptoms may include atrial fibrillation, muscle pain, cooling sensation, burning sensation.
Eye contact:	May be an eye irritant.
Skin contact:	Contact with skin will result in irritation. A skin sensitizer. Repeated or prolonged skin contact may lead to allergic contact dermatitis.
Inhalation:	Breathing in mists or aerosols may produce respiratory irritation.
Acute toxicity: Oral LD50: 2,426 mg/kg (1)	
Skin corrosion/irritation:	Irritant.
Serious eye damage/irritation:	No information available.
Respiratory or skin sensitization:	A skin sensitizer.
Chronic effects:	No information available for the product.
Mutagenicity:	No information available.
Carcinogenicity:	No information available.
Reproductive toxicity:	No information available.
Specific Target Organ Toxicity (STOT) - single exposure:	No information available.
Specific Target Organ Toxicity (STOT) - repeated exposure:	No information available.
Aspiration hazard:	No information available.



SAFETY DATA SHEET

12. ECOLOGICAL INFORMATION

Eco toxicity	Avoid contaminating waterways.
Persistence/degradability:	No information available.
Bio accumulative potential:	No information available.
Mobility in soil:	No information available.
Aquatic toxicity:	Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Disposal methods:

Refer to Waste Management Authority. Dispose of contents/container in accordance with local/regional/national/international regulations. Normally suitable for incineration by an approved agent.

14. TRANSPORT INFORMATION

Road and Rail Transport

Classified as Dangerous Goods by the criteria of the DOT/ADR/RID Code for Transport by Road and Rail;
DANGEROUS GOODS.



UN No:	1169
Transport Hazard Class:	3 Miscellaneous Dangerous Goods
Packing Group:	III
Proper Shipping Name or Technical Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Oregano OIL)
Hazmat or Emergency Action Code:	· 3Z

Marine Transport

Classified as Dangerous Goods by the criteria of the ADNR Code) for transport by sea;
DANGEROUS GOODS.

UN No:	1169
Transport Hazard Class:	3 Miscellaneous Dangerous Goods
Packing Group:	III
Proper Shipping Name or Technical Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Oregano Oil)



SAFETY DATA SHEET

IMDG EMS Fire: F-A
IMDG EMS Spill: S-F

Air Transport

Classified as Dangerous Goods by the criteria of the IATA Code Dangerous Goods Regulations for transport by air;
DANGEROUS GOODS.

UN No: 1169
Transport Hazard Class: 3 Miscellaneous Dangerous Goods
Packing Group: III
Proper Shipping Name or Technical Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Oregano Oil)

15. REGULATORY INFORMATION

Classification:

This material is hazardous according to OSHA; **HAZARDOUS SUBSTANCE.**

Classification of the substance or mixture:

Flammable liquids - Category 3
Skin Irritation - Category 1
Skin Sensitization - Category 1

The following health/environmental hazard categories fall outside the scope of the Workplace Health and Safety Regulations:

Acute Oral Toxicity - Category 2
Acute Aquatic Toxicity - Category 1
Chronic Aquatic Toxicity - Category 1

Hazard Statement(s):

H227 Combustible liquid.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H411 May be toxic to aquatic life with long lasting effects.

Poisons Schedule (SUSMP): None allocated.

16. Other Information

This Information is supplied by our vendor.