

# Safety Data Sheet

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Product Name:** Thyme Aromatherapy Oil Group D  
**Product Code:** NWA0144

**Application of the mixture:** Aromatherapy: essential oils, blends of essential oils

**CAS No:** 91770-75-1

### Company Name and Address:

Bellitas Ltd,  
Unit 12 Prospect Drive  
Britannia Enterprise Park  
Lichfield, Staffordshire  
WS14 9UX  
United Kingdom

**Emergency Telephone No: +44 (0) 1543 416611**

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to EC 1272/2008  
H413 May cause long-lasting harmful effects to aquatic life  
H226 Flammable liquid and vapour  
H319 Causes serious eye irritation  
H312 Harmful in contact with skin

The full text for all Risk Phrases and Hazard Statements are displayed in section 16

### 2.2 Label Elements



GHS02: Flammable



GHS07: Harmful



GHS08: Health hazard

**Signal word:** DANGER

### Hazard Statements:

H413 May cause long-lasting harmful effects to aquatic life  
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### Precautionary Statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P302+352: IF ON SKIN: Wash with plenty of water.  
P337+313: If eye irritation persists get medical advice/attention.  
P233: Keep container tightly closed.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable – product is a mixture

### 3.2 Mixtures/Ingredients

THYMUS VULGARIS

Name/Form.	CAS / EC No.	Concentration	Classification
ME0186	91770-75-1 284-535-7	<95% w/w	H413 H226 H319
Main Active(s)	Is used for aching muscles, cramp, sprains, rheumatism and other conditions where its relaxing effects are needed. Avoid during pregnancy. Avoid if Hypertensive.		

The full text for all R-Phrases and Hazard Statements are displayed in section 16

# Safety Data Sheet

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**Inhalation** Breath fresh air, if dizziness or shortness of breath persists seek medical advice.

**Skin Contact** Rinse with soap and water.

**Eye Contact** Wash well with water; if irritation persists seek medical advice.

**Accidental Ingestion** Do not induce vomiting, drink copious amounts of water. Seek medical help.

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

**Inhalation** Symptoms unlikely from small amounts, but inhalation of large amounts may cause headaches, dizziness, unconsciousness.

**Skin Contact** Prolonged skin contact may cause drying of the skin.

**Eye Contact** If liquid gets into the eyes it may cause redness, stinging, watering of the eye.

**Ingestion** Ingestion of the liquid may cause irritation to the throat and mouth, and symptoms similar to inhalation.

### 4.3 Indication of any immediate and any special treatment needed

**Immediate / special treatment** Symptomatic treatment as required

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Use:** Extinguish with sand, earth, water spray, powder or CO2 extinguisher

**Avoid:** High pressure water jet as this may spread the fire

### 5.2 Special Hazards arising from the substance or mixture

Unusual fire and explosion hazards

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures

Formation of toxic gases is possible during heating or in the case of a fire: Carbon monoxide (CO).

### 5.3 Advice for firefighters

Protective equipment for firefighters

Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away

Fire water run off must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against fire water

### Additional information

Cool endangered receptacles with water spray

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation and contact with skin and eyes. Wear gloves when handling spillages.

Wear protective equipment. Keep unprotected personal away.

### 6.2 Environmental precautions

Avoid spreading of the material. Contain spillages with sand, earth or suitable inert absorbent material. Prevent further spillages.

Do not allow to penetrate the ground/soil, enter drains or water courses. Cover drains. In the case of contamination of water courses or sewers advise the Environmental Agency, fire brigade and police.

### 6.3 Methods and materials for containment and cleaning up

Absorb with liquid binding material, vermiculite, sand, earth or suitable inert absorbent material.

Rinse site with copious amounts of water, which should not be allowed into drains, sewers or watercourses

Ensure adequate ventilation

### 6.4 Reference to other sections

See section 7 for information on safe handling

See section 8 for information on protective equipment

See section 13 for disposal information

# Safety Data Sheet

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid ingestion and inhalation. Minimise personal exposure to the product.  
Ensure good interior ventilation.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage

Store in a cool, dry place in full tightly sealed containers. Keep away from possible sources of combustion.

#### Incompatibilities

Store away from oxidising agents.

Store away from alkalis (caustic solution).

Store away from acids.

### 7.3 Specific end use(s)

No special precautions.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Workplace exposure limits

Name	Std	TWA 8 hour exposure limit	STEL 15 minute exposure limit	Source/Type
<b>DNELS</b>				
Human oral		Worker		Consumer
Human dermal		Systemic effects		Systemic effects
Human inhalation		none stated		
Human inhalation				

#### PNECS

PNEC Aqua (Freshwater)

PNEC Aqua (Marine)

PNEC Sediment

PNEC Soil

### 8.2 Exposure controls

Engineering measures	Provide eyewash station.
Respiratory protection	If ventilation is insufficient suitable respiratory equipment must be provided.
Hand protection	For prolonged contact with the product, suitable protective gloves conforming to EN374 should be worn. Seek recommendations from manufacturer or supplier.
Eye protection	Contact lenses should not be worn when working with this chemical. Wear approved safety goggles.
Skin protection	Minimise all forms of skin contact. Wash promptly if skin becomes contaminated. Wear suitable protective clothing. Promptly remove non-impervious clothing that becomes contaminated. Launder overalls and under garments regularly. When using do not eat, drink or smoke.
Other protective & hygiene measures	Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

## SECTION 9: Physical and chemical properties

### 9.1 Information on the basic physical and chemical properties

Appearance	An aromatic oily liquid.
Odour	Natural fragrance from oils.
Odour threshold	Not determined
pH value	n/a
Solubility in water	Insoluble in water
Initial boiling point/boiling range °C	Circa 24°C
Melting Point / range °C	None specified
Flash point °C	36°Ccc
Upper/lower flammability limits	Typically 2-12%
Vapour pressure at 20°C	None specified
Vapour density at 20°C	0.85 - 0.95
Auto ignition temperature °C	None specified
Alcohol content	None
Specific gravity	0.83 - 1.1
Viscosity at 20°C	Liquid

### 9.2 Other information

None

# Safety Data Sheet

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Not considered to be reactive

### 10.2 Chemical stability

Stable under normal conditions and storage. See section 7

### 10.3 Possibility of hazardous reactions

Thermal decomposition may release CO<sub>2</sub>, CO and unidentified organic compounds

### 10.4 Conditions to avoid

High temperatures, flames and other sources of ignition.

### 10.5 Incompatible materials

Strong oxidising agents, strong acids, strong alkalis.

### 10.6 Hazardous decomposition products

Thermal decomposition or combustion may include oxides of carbon or nitrogen.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

Acute toxicity                      This product has not been subjected to toxicity testing.

Inhalation                              In high concentrations vapours may cause headache, fatigue, dizziness and nausea

Skin contact                            Prolonged and frequent exposure may cause skin dryness and cracking

Ingestion                                Gastrointestinal symptoms, including upset stomach

Eye contact                              Irritating to the eyes

**Comments**                              This product has been assessed as safe to use under normal conditions of use and according to instructions.

## SECTION 12: Ecological information

This product has not been subjected to toxicological testing. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

This product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment

### 12.1 Toxicity

Toxicity to fish                              approx. 30mg/l

Toxicity to invertebrates                0.1-1mg/l

Toxicity to algae                            0.1-1mg/l

### 12.2 Persistence and degradability

Readily biodegradable.

### 12.3 Bioaccumulation

There is no evidence of bio accumulative.

### 12.4 Mobility in soil

No further relevant information available

### 12.5 Results of PBT and vPvB assessment

Not applicable

### 12.6 Other adverse effects

No further relevant information available

## SECTION 13: Disposal considerations

Do not discharge directly into drains, into soil or into the aquatic environment.

Product disposal must be means of a licenced waste contractor.

Product is hazardous waste. Disposal must be means of a licenced waste contractor.

# Safety Data Sheet

## SECTION 14: Transport information

### 14.1 UN number

UN No. (ADR/RID/IMDG/IATA)

UN1197

### 14.2 UN proper shipping name

Extracts, Liquid

### 14.3 Transport hazard class(es)

ADR, IMDG, IATA

3

Flammable liquids

3

Label Class

### 14.4 Packing group

III

(ADR/RID/AND/IMDG/ICAO,IATA)

### 14.5 Environmental hazards

Marine pollutant

Yes

### 14.6 Special precautions for user

Danger code (Kemlar)/hazard no. (ADR)

30

EMS no.

F-E, S-D

Tunnel restriction code

D/E

### 14.7 Transport in bulk according to annex II of Marpol and the IBC Code

Not applicable

### 14.8 Additional information

Limited quantities (LQ)

5

Litre(s)

EC N°

284-535-7

## SECTION 15: Regulatory information

### 15.1 Safety, health and environment regulations/legislation specific for the substance or mixture

All components are listed as existing substances in Europe

### 15.2 Chemical safety assessment

A product Safety Assessment has been carried out in accordance with EC 1223/2009, Cosmetic Product Safety Regulations.

## SECTION 16: Other information

Classification of the mixture is in general based on calculation method using substance data, as required by (EC) 1272/2008

### Abbreviations and acronyms used in the safety data sheet

CAS No	Chemical Abstracts Service number
DNEL	Derived No-Effect Level
EC	European Community
EEC	European Economic Community
EMS No	Emergency Response Procedure number
Eye Irrit.	Eye Irritant
Flam. Liq.	Flammable Liquid
hPa	1 hPa = 100 Pa (Pascal)
LC50	Lethal Concentration, 50%
LD50	Lethal Dose, 50%
PBT	Persistent, Bio accumulative and Toxic
PNEC	Predicted No-Effect Concentration
Ppm	Parts Per Million
REACH	Registration, Evaluation, Authorisation and Restrictions of Chemicals
STOT	Specific Target Organ Toxicity
vPvB	Very Persistent and Very Bio accumulative
WEL	Workplace Exposure Limit

### Hazardous and Precautionary Statements in full used in section 2 and 3

#### Hazard Statements:

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WE BELIEVE THAT THE INFORMATION CONTAINED HEREIN IS CURRENT AS OF THE DATE OF THIS SAFETY DATA SHEET. IT IS THE USERS OBLIGATION TO DETERMINE CONDITIONS OF SAFE USE OF THIS PRODUCT.