



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

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

PRODUCT NAME: **Marigold Tagetes Essential Oil**

SUPPLIER: Amphora Aromatics Limited, Airfield House, Western Drive, Bristol, BS14 0AF

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **33**

CAS NUMBER: 91770-75-1 / 8016-84-0

EC NUMBER: 294-862-7

INCI: Tagetes Minuta Flower Oil

IDENTIFIED USES: Suitable for use in cosmetic, fragrance, flavour and professional applications only

BIOLOGICAL DEFINITION: Tagetes Minuta Flower Oil is the essential oil obtained from the flowers of the Tagetes, Tagetes minuta L., Compositae.

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION (EC 1272/2008):

- PHYSICAL HAZARDS: Flam. Liq. 3 - H226
- HEALTH HAZARDS: Skin Sens. 1 - H317
Asp. Tox. 1 - H304
- ENVIRONMENTAL HAZARDS: Aquatic Chronic 2 - H411

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

DANGER

HAZARD STATEMENTS:

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

PRECAUTIONARY STATEMENTS:	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/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 mist/vapours/spray. 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. P370+P378 In case of fire: Use Carbon dioxide (CO ₂), dry chemical powder or foam to extinguish. P391 Collect spillage.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS:	P233 Keep container tightly closed.
CONTAINS:	Cis-beta-Ocimene, Limonene

3: COMPOSITION/INFORMATION ON INGREDIENTS

20.0 – 40.0% Cis-beta-Ocimene

CAS NUMBER: 3338-55-4	EC NUMBER: 222-081-3
CLASSIFICATION (EC 1272/2008):	Flam. Liq. 3 - H226 Asp. Tox. 1 - H304

15.0 – 25.0% Dihydrotagetone

CAS NUMBER: 1879-00-1	EC NUMBER: 217-532-6
CLASSIFICATION (EC 1272/2008):	Skin Sens. 1B – H317

<5.0% d-Limonene

CAS NUMBER: 5989-27-5	EC NUMBER: 227-813-5
CLASSIFICATION (EC 1272/2008):	Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

4: FIRST AID MEASURES

INHALATION:	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air at once. Get medical advice/attention.
INGESTION:	Rinse mouth and provide fresh air. Get medical advice/attention
SKIN CONTACT:	If necessary, remove contaminated clothing and wash skin with soap and water. Get medical advice/attention if any discomfort continues.
EYE CONTACT:	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical advice/attention. Continue to rinse.
MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:	Allergic contact dermatitis
INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:	Treat symptomatically

5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED:	Carbon dioxide (CO ₂), dry chemical powder or foam.
UNSUITABLE EXTINGUISHING MEDIA:	Do not use water jet as an extinguisher, as this may scatter and spread fire.
SPECIAL HAZARDS ARISING FROM THE PRODUCT:	No unusual fire or explosion hazards noted. When heated and in case of fire, toxic vapours/gases may be formed.
ADVICE FOR FIREFIGHTERS:	Containers close to fire should be removed or cooled with water. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Use protective gloves, goggles and suitable protective clothing. In case of spills, beware of slippery floors and surfaces.
ENVIRONMENT PRECAUTIONS:	Do not discharge into drains, water courses or onto the ground.
CLEANING UP METHODS FOR SPILLAGES:	Absorb with inert, damp, non-combustible material, then flush area with water. Shovel into dry containers. Cover and move the containers. Flush the area with water.

7: HANDLING AND STORAGE

USAGE PRECAUTIONS:	Avoid spilling, skin and eye contact. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing.
STORAGE PRECAUTIONS:	Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS: No additional data available.

PROTECTIVE EQUIPMENT:



PROCESS CONDITIONS:

Provide eyewash station. Wash hands before breaks and at the end of work.

ENGINEERING MEASURES:

Provide adequate ventilation.

RESPIRATORY EQUIPMENT:

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION:

Protective gloves should be used if there is a risk of direct contact or splash.

EYE PROTECTION:

If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION:

Wear appropriate clothing to prevent any possibility of skin contact.

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 authorised companies.

9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Mobile Liquid
COLOUR:	Pale yellow to red brown.
ODOUR:	Characteristic.
RELATIVE DENSITY:	Approx. 0.870 @ 20°C
FLASH POINT (°C):	<61°C
REFRACTIVE INDEX:	Approx. 1.492 @ 20°C
MELTING POINT (°C):	No additional data available.
BOILING POINT (°C):	No additional data available.
VAPOUR PRESSURE:	No additional data available.
SOLUBILITY IN WATER @20°C:	No additional data available.
AUTO-IGNITION TEMPERATURE (°C):	No additional data available.



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

10: STABILITY AND REACTIVITY

REACTIVITY:	No additional data available.
CHEMICAL STABILITY:	Stable under normal temperature conditions and recommended use.
POSSIBLE HAZARDOUS REACTIONS:	Will not polymerise.
CONDITIONS TO AVOID:	Avoid heat, flames and other sources of ignition.
INCOMPATIBLE MATERIALS:	Materials To Avoid: Strong oxidising substances. Strong acids. Strong alkalis.
HAZARDOUS DECOMPOSITION PRODUCTS:	In case of fire, toxic gases (CO, CO ₂ , NO _x) may be formed.

11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Not classified.
SKIN CORROSION / IRRITATION:	Not classified.
SERIOUS EYE DAMAGE / IRRITATION:	Not classified.
RESPIRATORY OR SKIN SENSITISATION:	May cause an allergic skin reaction.
GERM CELL MUTAGENICITY:	Not classified.
CARCINOGENICITY:	Not classified.
REPRODUCTIVE TOXICITY:	Not classified.
STOT-SINGLE EXPOSURE:	Not classified.
STOT-REPEATED EXPOSURE:	Not classified.
ASPIRATION HAZARD:	May be fatal if swallowed and enters airways.
PHOTO-TOXICITY:	No additional data available.
OTHER INFORMATION:	No additional data available.

12: ECOLOGICAL INFORMATION

ECOTOXICITY:	Toxic to aquatic life with long lasting effects.
PERSISTENCE AND DEGRADABILITY:	Toxic to aquatic life with long lasting effects.
BIOACCUMULATIVE POTENTIAL:	No additional data available.
MOBILITY IN SOIL:	No additional data available.
RESULTS OF PBT AND VPVB ASSESSMENT:	No additional data available.

13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	Waste is suitable for incineration. Dispose of in compliance with all local and national regulations.
-------------------	---



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

14: TRANSPORT INFORMATION

UN No. ROAD: 1169
UN No. SEA: 1169
UN No. AIR: 1169
PROPER SHIPPING NAME: EXTRACTS, AROMATIC, LIQUID

TRANSPORT HAZARD CLASS(ES):

- ADR/RID/ADN CLASS: 3 Flammable Liquids
- IMDG CLASS: 3
- ICAO CLASS: 3



PACKING GROUP:

- ADR/RID/ADN PACKING GROUP: III
- IMDG PACKING GROUP: III
- ICAO PACKING GROUP: III

ENVIRONMENTAL HAZARDS: Environmentally Hazardous Substance/Marine Pollutant.



SPECIAL PRECAUTIONS FOR USER:

- EMS NUMBER: F-E, S-D
- EMERGENCY ACTION CODE: •3YE
- HAZARD NO.: (ADR): 30
- TUNNEL RESTRICTION CODE: (D/E)

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

No additional data available.

15: REGULATORY INFORMATION

STATUTORY INSTRUMENTS:

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

EU LEGISLATION:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation 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.

GUIDANCE:

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



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

16: OTHER INFORMATION

**HAZARD AND/OR PRECAUTIONARY
STATEMENTS IN FULL:**

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.
Retest after 6 months.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.