

MATERIAL SAFETY DATA SHEET.

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: **Damiana Oil**

SUPPLIER: Norfolk Trading 1 Rigby's Crt Norwich NR2 1NT

Telephone +44 (0)1603 610883

2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: Volatile oil obtained by steam distillation of the plant *Turnera diffusa Will.*

H-No: N/A CAS No: N/A Status: natural

CoE No: N/A FEMA: N/A Additives: none

FDA: N/A IFRA: N/A Application: N/A

RIFM: N/A EINECS: N/A RTECS: N/A

INCI name: Turnera diffusa FCCIV: N/A

3. HAZARDS IDENTIFICATION:

Toxic by ingestion. Irritant to eyes, mucous membranes and gastro-intestinal tract.

Contains Pinenes (CAS no. 1330-16-1)

4. FIRST-AID MEASURES:

INHALATION: Remove from exposure site to fresh air. Keep at rest. **Seek medical assistance immediately.**

EYE CONTACT: Remove contact lenses if possible. Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION: Rinse mouth out with water. **Do not induce vomiting. Seek medical advice immediately.** Activated charcoal slurry may be administered (30-100g in adults and 1.2g/kg in infants, mixed with water or sorbitol)

OTHER: When assessing action take Risk & Safety Phrases into account (Section 15)

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED: Use CO₂, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

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

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS:	Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.
ENVIRONMENT PRECAUTIONS:	Keep away from drains, soils, surface & groundwaters.
CLEANING UP METHODS FOR SPILLAGES:	Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING:	Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Avoid splashing
STORAGE CONDITIONS:	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light at a temperature range of 10 - 25°C. Keep air contact to a minimum.
FIRE PROTECTION:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION.

RESPIRATORY PROTECTION:	Avoid breathing product vapour. Apply local ventilation where possible.
VENTILATION:	Ensure good ventilation of working area.
HAND PROTECTION:	Avoid all skin contact. Use chemically resistant gloves if required.
EYE PROTECTION:	Use safety glasses.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling.

9. PHYSICAL & CHEMICAL PROPERTIES.

COLOUR:	Brown to golden yellow
APPEARANCE:	Mobile liquid
ODOUR:	Sweet, slightly spicy
FLASH-POINT °C:	65 (closed cup)
SPECIFIC GRAVITY @ 20°C:	0.927 – 0.935

10. STABILITY & REACTIVITY.

REACTIVITY:	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
DECOMPOSITION:	No data available

11. TOXICOLOGICAL INFORMATION.

Fatal oral dose in adults likely to be 150mls or less. May be particularly toxic to children.

12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY:	Data not available
PRECAUTIONS:	Prevent surface contamination of soil, ground & surface water.

13. DISPOSAL CONSIDERATIONS.

Avoid disposing to drainage systems and into the environment. Seek expert advice.

14. TRANSPORT REGULATIONS.

Road (ADR/RID):	Class 6.1 (c). Item no. 2601-25°. Hazard ident. No. 60. Emergency Code 2X; Tremcard number 61G61c
Air (IATA/ICAO):	Class 6.1 (III). Packaging Instructions 611 & Y611 passenger aircraft; 618 cargo aircraft
SEA (IMDG):	Class 6.1 (III). Pg 6270-1; EmS 6.1-02; MFAG**
CHIP:	See section 15

15. REGULATORY INFORMATION. According to Directive 88/379/EEC

HAZARDS:	Toxic/Irritant
SYMBOLS:	
RISK PHRASES:	R25: Toxic if swallowed. R36/37/38: Irritating to eyes, respiratory system and skin.
SAFETY PHRASES:	S26: In case of contact with eyes, rinse immediately with plenty of soap and water and seek medical advice. S28: After contact with skin wash immediately with plenty of soap and water. S36/37: Wear suitable protective clothing and gloves. S45: In case of accident or if you feel unwell, seek medical advice immediately and show this container or label

16. OTHER INFORMATION.

UN 2810 - Toxic Liquid, Organic, NOS (Damiana Oil): applies

PACKAGING:

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	No
F/HDPE	Yes
Other plastic	No

SHELF-LIFE

Min 12 months when stored within advised conditions.

Q.C. REQUIREMENTS.

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

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