

# MATERIAL SAFETY DATA SHEET.

## 1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: **CALENDULA ABSOLUTE**

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

Telephone +44 (0)1603 610883

## 2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: Obtained by ethanolic extraction of the concrete, itself produced by solvent extraction of the flowers of *Calendula officinalis* L.

H-No: 3301.90.5

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: Calendula officinalis

FCCIV: N/A

## 3. HAZARDS IDENTIFICATION:

Concentrated product. Do not ingest. Observe good housekeeping procedures.

## 4. FIRST-AID MEASURES:

INHALATION: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT: 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. Seek medical advice **immediately**.

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

## 5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED: Use CO<sub>2</sub>, 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      | 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. |
| STORAGE CONDITIONS:      | Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. 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:         | Very dark, greenish brown |
| APPEARANCE:     | Viscous liquid            |
| ODOUR:          | Bitter, herbal            |
| FLASH-POINT °C: | >70                       |

## **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: | Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.  |

## **11. TOXICOLOGICAL INFORMATION.**

No data available

## **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): N/A  
AIR (IATA): N/A  
SEA (IMDG): N/A

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

HAZARDS: N/A  
SYMBOLS: N/A  
RISK PHRASES: N/A  
SAFETY PHRASES: N/A

**16. OTHER INFORMATION.****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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Prepared: 11/01