



MATERIAL SAFETY DATASHEET

CALENDULA OIL

29/08/2008

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Material: CALENDULA OIL

AOL Material Code : 118946

2. HAZARD IDENTIFICATION

Most Important Hazards:
None Identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Fixed vegetable oil

4. FIRST AID MEASURES

Inhalation :

In case of excessive inhalation remove the person to fresh air and keep at rest in a comfortable position. Obtain medical advice immediately.

Skin Contact :

Remove contaminated clothing (N.B. wash before re-use). Wash off skin immediately with plenty of water, using soap if available . If any sign of tissue damage or persistent irritation is apparent obtain medical advice immediately

Eye Contact :

Rinse the eyes immediately with plenty of water for at least ten minutes. If any sign of tissue damage or persistent irritation is apparent, obtain medical advice immediately.

Ingestion :

Rinse mouth with water. Obtain medical advice immediately.

5. FIRE-FIGHTING MEASURES

Extinguishing Media :

Carbon dioxide, foam, dry chemical
Do not use a direct water jet.

Combustion Products:

CO/CO₂, Smoke

Special Protective Equipment:

Avoid inhalation of smoke and fumes. In case of insufficient ventilation wear suitable respiratory equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions :

Gloves and eye protection should be worn when handling spillages. Avoid flames or other potential sources of ignition.

Avoid skin/eye contact and inhalation of vapour.

Good personal washing routines should be followed after accidental release. Ensure adequate ventilation in working areas following accidental release.

Environmental Precautions :

Do not allow discharge into drains, soil or any aquatic environment.

Spillage :

Absorb spillages on porous inert material such as earth, sand or vermiculite and dispose of in accordance with local regulations.

Large spillages should be contained by the use of sand or another inert material, transferred to a suitable container and recovered or disposed of in accordance with local regulations.

7. HANDLING AND STORAGE

General Handling Precautions :

Handle in accordance with good occupational hygiene and safety practices in a well ventilated area.

Avoid direct contact with skin and eyes. Depending on working conditions, this may include wearing of eye protection and protective clothing such as PVC gloves and suitable overalls.

Avoid breathing vapours especially if the material is hot.

Storage Conditions :

Store in full, dry, airtight containers away from sources of heat and light. Do not re-use the empty container.

8. EXPOSURE CONTROLS

Respiratory Protection:	Where ventilation may be inadequate, wear self-contained breathing apparatus.
Hand protection:	Wear impervious gloves.
Skin protection:	Wear protective clothing.
Eye protection:	Wear eye protection e.g. Safety glasses/goggles

9. PHYSICAL CHEMICAL PROPERTIES

Appearance	:	A yellow to dark yellow oily liquid.
Odour	:	Weak, fatty.
RI @ 20°C		1.4735 to 1.4760
SG @ 20°C		0.915 to 0.925
Solubility.	:	Soluble in oils, fats and the main non polar solvents.
Microbiological data.	:	
Total plate count (CFU/g)	:	100 max.
Total fungi count (CFU/g)	:	10 max.
Typical properties	:	Flash point: >100°C Stabilized with BHT <1%

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Incompatible Materials:	Avoid strong oxidising agents

11. TOXOLOGICAL INFORMATION

Acute oral toxicity: LD50: (Rat) >15,000 mg/Kg
Skin irritation: Non irritant to skin. Slightly irritant to eyes.
Sensitization: No known cutaneous sensitization reactions.

12. ECOLOGICAL INFORMATION

No data available.
Prevent contamination of soil, ground and surface water.

13. DISPOSAL CONSIDERATIONS

No special methods are necessary, but disposal should be in accordance with local regulations.

14. TRANSPORT INFORMATION

Not restricted for transport purposes

15. REGULATORY INFORMATION

Not classified as dangerous (Directive 88/379/EC)
No hazard label required.

16. OTHER INFORMATION

None

The information in this Health and Safety Data Sheet is, to the best of our knowledge, information and belief, correct and consistent with the state of technical information available at the date of its publication. We cannot however accept liability for any loss, injury and/or damage that results from use or misuse of the information herein.