

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Calendula Liquid Extract	Supplier:	ASES CHEMICAL WORKS.
Botanical Name:	Calendula Officinalis	Address:	Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India
INCI Name:	Calendula Officinalis Flower Extract	Phone:	+91-9636889954
CAS Number:	84776-23-8	Web:	www.ases.in
Product Form:	Liquid	Email :	ecom@ases.in
Product Use:	Personal Care Formulations		

2 HAZARDS IDENTIFICATION

GHS Classification	Not a hazardous substance or mixture
GHS Label elements, including precautionary statements	Not applicable

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	EC Numbers
Calendula Liquid Extract Mixture	84776-23-8	283-949-5
Hazardous Components:	All materials used in this product are Non hazardous.	

4 FIRST AID MEASURES

Inhalation:	Move person to fresh air immediately.
Eye Contact:	Irrigate surfaces thoroughly with water.
Skin Contact:	Rinse areas thoroughly with water.
Ingestion:	Rinse mouth thoroughly with water.

5 FIRE-FIGHTING MEASURES

Extinguishing Media:	Water spray. Foam. Dry powder. Carbon dioxide.
Unsuitable Extinguishing agents:	Do not use a heavy water stream.
Special Firefighting Procedures:	Use self contained breathing equipment for fighting interior fires.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Avoid contact with eyes. Personal Protective Equipment: -Protective goggles.

Environmental precautions

Do not allow to flow into drainage system

Methods and materials for containment and cleaning up

Dilute with Washing Soap & Water and Regular mop up, or absorb with an inert dry material and place in an appropriate Waste Disposal Container.

7 HANDLING & STORAGE

Handling:	Keep away from Heat & from sources of ignition. Ground all equipment containing material. Do not ingest. Keep Away From Eyes
Storage:	Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Away from heat & spark Keep tightly closed container.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Local exhaust.
Hand protection:	Protective gloves made of rubber or neoprene.
Eye protection:	Safety glasses.
Skin and Body Protection:	Suitable protective clothing.
Hygiene measures:	Handle in accordance with good hygiene and safety practices.

MATERIAL SAFETY DATA SHEET
CALENDULA LIQUID EXTRACT

9 PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid	Flash point	>200
Odour	Conforms to standard	Specific gravity (20°C)	1.020-1.050
Colour	Colorless Liquid	Refractive Index (25°C)	1.4670 – 1.4770
pH	4-6.5	Density, gm/m	~ 1.027 @ 20°C
Boiling point	>200°C	Solubility	Soluble in water

10 STABILITY AND REACTIVITY

Reactivity:	The product is non-reactive under normal conditions of use, storage, and transport.
Chemical Stability:	Stable under normal conditions.
Hazardous reactions:	No dangerous reactions known under conditions of normal use.
Conditions to Avoid:	Excessive heat.
Incompatible Materials:	Keep away from strong oxidizing agents, heat and open flames.
Hazardous decomposition products:	Carbon monoxide and/or Carbon Dioxide.

11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

- Acute toxicity: Based on available data, the classification criteria are not met.

Primary irritant effect:

- On the skin: Based on available data, the classification criteria are not met.
- On the eye: Based on available data, the classification criteria are not met.

12 ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Normal recommended use releases little of the product to the environment. Responsible manufacturing applications should include provisions for spill containment and measures to control loss of volatiles.

13 DISPOSAL CONSIDERATIONS

Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations.

14 TRANSPORT INFORMATION

Transport	Transport	Hazard class	Packing group	UN number
Land	RID/ADR	Not Regulated	Not Regulated	Not Regulated
Maritime	IMDG			
Air	IATA/DGR			

15 REGULATORY INFORMATION

This product does not need to be labeled in accordance with EC Directives or respective national laws.

16 OTHER INFORMATION

Disclaimer & Caution

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.