

**1 PRODUCT & COMPANY IDENTIFICATION**

|                      |                         |                  |                                                             |
|----------------------|-------------------------|------------------|-------------------------------------------------------------|
| <b>Product Name:</b> | Turmeric Liquid Extract | <b>Supplier:</b> | ASES CHEMICAL WORKS.                                        |
| <b>INCI Name:</b>    | Curcuma Longa Root      | <b>Address:</b>  | Brahm Bagh, Jalori Gate<br>Jodhpur - 342001 Rajasthan-India |
| <b>Synonym:</b>      | Curcumin, Halada        | <b>Phone:</b>    | +91-9636889954                                              |
| <b>CAS No:</b>       | 84775-52-0              | <b>Web:</b>      | www.ases.in                                                 |
| <b>Product Form:</b> | Liquid                  | <b>Email :</b>   | ecom@ases.in                                                |
| <b>Product Use:</b>  | Domestic and Industrial |                  |                                                             |

**2 HAZARDS IDENTIFICATION**

|                                                               |                                      |
|---------------------------------------------------------------|--------------------------------------|
| <b>GHS Classification</b>                                     | Not a hazardous substance or mixture |
| <b>GHS Label elements, including precautionary statements</b> | Not applicable                       |

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

| Name                       | Cas No     | EC No     | Concentration |
|----------------------------|------------|-----------|---------------|
| Curcuma Longa Root Extract | 84775-52-0 | 283-882-1 | 100%          |

**4 FIRST AID MEASURES**

|                      |                                                                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation:</b>   | Get medical advice/attention if you feel unwell..                                                                                                                      |
| <b>Ingestion:</b>    | If swallowed by mistake, get medical advice/attention immediately                                                                                                      |
| <b>Skin Contact:</b> | Gently wash with plenty of soap and water. Wash contaminated clothing before reuse.                                                                                    |
| <b>Eye Contact:</b>  | Remove any contact lenses, locate eye-wash station, and flush eyes immediately with large amounts of water. Separate eyelids with fingers to ensure adequate flushing. |

**5 FIRE-FIGHTING MEASURES**

|                                                   |                                                                                               |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media:</b>              | Water spray. Foam. Dry powder. Carbon dioxide.                                                |
| <b>Unsuitable extinguishing media:</b>            | Do not use a heavy water stream.                                                              |
| <b>Specific Hazards Arising from the Chemical</b> | Toxic gases and vapors such as Carbon monoxide, Carbon dioxide.                               |
| <b>Fire fighting instructions:</b>                | Do not enter fire area without proper protective equipment, including respiratory protection. |

**6 ACCIDENTAL RELEASE MEASURES**
**Personal precautions, protective equipment and emergency procedures.**

Avoid breathing vapors, mist or gas. Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

**Environmental precautions**

Do not flush large quantities into surface water or sanitary sewer system. Prevent large quantities of product from entering drains. For smaller quantities, drench with water making sure that washings enter drain only when very dilute.

**Methods and materials for containment and cleaning up**

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers. Avoid strong oxidizing agents and flammable/combustible materials.

**7 HANDLING & STORAGE**

|                     |                                                                                                                                                                                                                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautions:</b> | Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition. Avoid contact with eyes. Do not eat, drink or smoke when using this product. Wash thoroughly after handling |
| <b>Storage:</b>     | Keep container closed. Handle containers with care. Keep container closed. Handle containers with care                                                                                                                                                                                                          |

**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

|                   |                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------|
| Exposure controls | Ensure adequate ventilation, especially in confined areas.                                  |
| Eyes              | Wear safety glasses with side shields.                                                      |
| Skin              | If skin contact or contamination of clothing is likely, protective clothing should be worn. |
| Respiratory       | In case of insufficient ventilation, wear suitable respiratory equipment.                   |

MATERIAL SAFETY DATA SHEET

TURMERIC LIQUID EXTRACT

**9 PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance :** Orange to Orange Red Transparent  
Liquid.  
**Flash point:** 129 °C  
**Refractive index:** 1.435 to 1.460 @ 20 °C  
**Odor :** Characteristic Turmeric odor,  
**Relative density :** 0.9100 - 1.3550 @ 25 °C  
**pH :** 4.25 @ 25 °C  
**Solubility (ies) :** Soluble in water.  
**Melting Point :** Not Available

**10 STABILITY AND REACTIVITY**

**Reactivity:** No known effects under normal use conditions.  
**Chemical Stability:** Stable under normal conditions.  
**Hazardous Decomposition:** None under normal use conditions.  
**Conditions to Avoid:** Heat, flames and sparks. Incompatible materials.  
**Incompatible Materials:** Strong oxidizing agent.

**11 TOXICOLOGICAL INFORMATION**

**Inhalation** No known effects  
**Skin:** Non-irritating to the skin.  
**Eye contact** No eye irritation.  
**Ingestion** No known effects.

**12 ECOLOGICAL INFORMATION**

**Ecotoxicity :** No data available  
**Persistence and degradability :** No information available.  
**Bioaccumulative potential :** No information available.  
**Other adverse effects:** No information available.

**13 DISPOSAL CONSIDERATIONS**

**Waste Disposal:** Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

**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**

**SARA 313** None  
**California Proposition 65** This product does not contain any Proposition 65 chemicals

**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.