

	MATERIAL SAFETY DATA SHEET	Issue No : 02
		Issue Date : 01/08/2023
		Doc No : TH/FSMS/MSDS/002
		Rev No : 01

Product Name: Licorice Root Extract DGL <1% Glycyrrhizic Acid by HPLC

01	Identification of the substance/preparation and of the company/undertaking	
	Identification of the substance or preparation	: Licorice Root Extract DGL <1% Glycyrrhizic Acid by HPLC
02	Hazards identification	
	Human Health Hazards	: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.
	Environmental hazards	: Non hazardous
03	Composition/information on ingredients	
	Botanical name	: <i>Glycyrrhiza glabra</i>
	English name	: Licorice
04	FIRST AID MEASURES	
	After contact with skin	: In case of contact, immediately wash skin with soap and copious amounts of water.
	After contact with eyes	: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.
	After Ingestion	: If swallowed, wash out mouth with water provided person is conscious. Call a physician.
	After Inhalation	: If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
05	Fire-fighting measures	
	Suitable extinguishing media	: Water spray, carbon dioxide, dry chemical powder, or appropriate foam.
	Hazardous thermal decomposition products	: No data available.
06	Accidental release measures	
	Environmental precautions	: Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust. As recommended by state / local pollution control laws.

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	Method of cleaning up	:	Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.
07	Handling and storage		
	Handling	:	Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.
	Storage	:	Keep tightly closed in a cool, dry place. Avoid prolonged and repeated exposure.
		:	Transportation- At room Temperature
08	Exposure controls/personal protection		
	Hand protection	:	Use protective gloves (PVC, Neoprene or Rubber).
	Eye protection	:	Wear safety goggles
	Face protection	:	While working with small quantities in a well-ventilated area, respiratory protection may not be required. However, use of an approved dust mask is recommended.
	Protective and hygiene measures	:	
09	Physical and chemical properties		
	Color	:	Light Brown to Brown
	Odor	:	Characteristic odor
	Flash point	:	Not applicable
	Thermal decomposition	:	Do not occur up to 100°C
	Tapped bulk density	:	Between 0.30g/ml and 0.90g/ml
	Melting point	:	Not applicable
	Ignition temperature	:	Not applicable
10	Stability and reactivity		
	Conditions to avoid	:	Avoid exposure to moisture, air and light
	Material to avoid	:	Strong oxidising agents and acids

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	Hazardous decomposition products	:	No Hazardous thermal decomposition products
	Additional information	:	No decomposition if stored and applied as directed
11	Toxicological information		
	Acute toxicity (LD50)	:	Non Toxic
	Skin irritation	:	Not observed
	Phototoxicity	:	Not observed
12	Ecological information		
	Biodegradability	:	Biodegradable however data not available
13	Disposal considerations		
	Method of disposal	:	Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.
14	Transport information		
	By Air / Sea/ Road Licorice Root Extract DGL <1% Glycyrrhizic Acid by HPLC is non-dangerous, non-toxic, non-hazardous and it can be carried in air-craft / ship / transport vehicle.		
15	Regulatory information		
	Hazardous label	:	Not applicable
	Symbols and indications of danger	:	Not applicable
	Nature of special risks	:	Not applicable
	Safety advice	:	As applicable to all botanical preparations

16 Other information

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