

### 1 PRODUCT & COMPANY IDENTIFICATION

**Product Name:** GUM TRAGACANTH  
**Synonyms:** Shiraz gum, Shiraz, Gum Elect, Gum Dragon  
**INCI Name:** Astragalus Gummifer Gum  
**CAS Number:** 9000-65-1  
**Formula:** C<sub>28</sub>H<sub>48</sub>O  
**Product Form:** Powder  
**Product Use:** Manufacture of substances

**Supplier:** ASES CHEMICAL WORKS.  
**Address:** Brahm Bagh, Jalori Gate  
Jodhpur - 342001 Rajasthan-India  
**Phone:** +91-9636889954  
**Web:** www.ases.in  
**Email :** ecom@ases.in

### 2 HAZARDS IDENTIFICATION

**Potential Acute Health Effects:** Slightly hazardous in case of eye contact (irritant), of ingestion, of inhalation.  
**Potential Chronic Health Effects:** CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	EC No.	Concentration
Gum Tragacanth	9000-65-1	232-552-5	99%

### 4 FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.  
**Skin:** Get medical aid. Flush skin with plenty of water. Remove contaminated clothing and shoes. Wash cloth before reuse.  
**Inhalation:** If inhaled, removed to fresh air. Get medical attention if symptoms appear.  
**Ingestion:** Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

### 5 FIRE-FIGHTING MEASURES

**Extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
**Special hazards arising from the substance or mixture:** Carbon oxides, nitrogen oxides (NO<sub>x</sub>), Sodium oxides.  
**Advice for firefighters:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

### 6 ACCIDENTAL RELEASE MEASURES

**Small Spill:** Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.  
**Large Spill:** Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

### 7 HANDLING & STORAGE

**Precautions:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use only in a well-ventilated area. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.  
**Storage:** Keep container tightly closed in a dry and well-ventilated place

### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures:** Use adequate ventilation to keep airborne concentrations low..  
**Personal Protection:** Safety glasses. Lab coat. Dust respirator. Be sure to use an approved respirator or equivalent. Gloves.  
**Personal Protection in Case of a Large Spill:** Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation. Suggested protective clothing might not be sufficient; consult a specialist. BEFORE handling this product.  
**Exposure Limits:** Not Available.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Crystalline powder	<b>Boiling Point:</b>	Not available.
<b>Appearance:</b>	white to yellow	<b>Freezing/Melting Point:</b>	Not available.
<b>Odor:</b>	odorless	<b>Decomposition Temperature:</b>	Not available.
<b>pH:</b>	Not available.	<b>Solubility:</b>	Not available.
<b>Vapor Pressure:</b>	Negligible.	<b>Specific Gravity/Density:</b>	Not available.
<b>Vapor Density:</b>	Not available.	<b>Molecular Formula:</b>	Not available.
<b>Evaporation Rate:</b>	Not available.	<b>Molecular Weight:</b>	Not available.
<b>Viscosity:</b>	Not available.		

**10 STABILITY AND REACTIVITY**

<b>Reactivity:</b>	No data available
<b>Chemical Stability:</b>	Stable under normal temperature conditions
<b>Hazardous Polymerization:</b>	No data available.
<b>Conditions to Avoid:</b>	No data available
<b>Incompatible Materials:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	no data available.

**11 TOXICOLOGICAL INFORMATION**

<b>Routes of Entry:</b>	Not available.
<b>Toxicity to Animals:</b>	Acute oral toxicity (LD50): 10000 mg/kg [Hamster].
<b>Chronic Effects on Humans:</b>	Not available.
<b>Other Toxic Effects on Humans:</b>	Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
<b>Special Toxic Effects on Humans:</b>	Nuisance dust.

**12 ECOLOGICAL INFORMATION**

<b>Persistence and Degradability:</b>	Not available.
<b>Ecotoxicity :</b>	Not available.
<b>Other Adverse Effects:</b>	Not available.

**13 DISPOSAL CONSIDERATIONS**

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**14 TRANSPORT INFORMATION**

<b>US DOT Shipping Description (Land) :</b>	Not regulated
<b>IMO-IMDG Shipping Description (Sea) :</b>	Not regulated
<b>IATA Shipping Description (Air) :</b>	Not regulated

**15 REGULATORY INFORMATION**

<b>Chemical Safety Assessment:</b>	This product does not contain any chemical components regulated.
<b>Other :</b>	Not regulated

**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.