



## PRODUCT DATA SHEET

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### Chemical product/preparation

Product number:	<b>895</b>
Product name:	<b>Tragacanth</b>
Monograph:	EP
CAS number:	9000-65-1
EINECS number:	232-552-5
INCI name:	Astragalus Gummifer Gum
Supplier:	Caesar & Loretz GmbH Herderstr. 31 40721 Hilden Tel.: +49 (0) 21 03/49 94-0 Fax: +49 (0) 21 03/49 94-300 E-Mail: info@caelo.de
Application of substance/mixture:	Ingredient for pharmaceutical drugs
CLP labeling: Regulation (EC) number 1272/2008	The substance is not classified according to the CLP regulation
REACH registration number:	The substance is exempt from REACH registration

### Composition/information on ingredients

#### Chemical characterization

Tragacanth is the dried gummi exsudation from *Astragalus gummifer* or other *Astragalus* species (Fam. Leguminosae). It is mainly growing in Iran and usually collected by hand.  
Mixture of two polysaccharides: Bassorine (60-70%), not soluble but gel forming in water, water-soluble Tragacanthic acid (Tragantin, Tragacanthin). Bassorine is composed of L-Arabinose, D-Galactose, L-Rhamnose and the methyl ester of D-Galacturonic acid.  
Tragacanthic acid is composed of Galacturonic acid in the main chain and D-Xylose, L-Fucose and D-Galactose in the branch chains. (Ullmann, Enzyklopädie der technischen Chemie, Bd 19, 254f., 4. Auflage, Verlag Chemie, Weinheim 1972-84)

### Physical and chemical properties

Form:	solid (Powder)
Colour:	pale brown - yellow
Odour:	odourless
Melting point/melting range:	not determined
Boiling point/boiling range:	not determined
Flash point:	not determined
Density:	not determined
Bulk density:	ca. 550 Kg/cbm



pH-value (20 g/l) 6,5  
Solubility in/miscibility with water: not soluble, forming gel

## General protective and hygiene measures

The usual precaution measures during handling of chemicals are to observe.

## Storage

Requirements to be met by storerooms and receptacles: Tightly closed. Store at a dry place. At room temperature (+15°C to +25°C).

Specific hazards during fire fighting: Avoid generation of dust when handling larger quantities

## Disposal considerations

Product: Disposal according to local regulations as pharmaceutical waste.  
Uncleaned packaging: Disposal according to the local regulations.

## Transport information

Land transport according to ADR: Not classified as dangerous in the meaning of transport regulations.

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