

## Chios Gum Mastic – Chios Mastiha

SAFETY DATA SHEET  
According to Regulation (EC) No. 1907/2006

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Commercial name	:	Chios Gum Mastic – Chios Mastiha
Scientific name	:	Pistachia Lentiscus var Chia (resin)
Natural occurrence	:	The air-dried resinous exudation from P. Lentiscus L. (Fam. Anacardiaceae), a shrub of small evergreen tree (Guenther, 1952). The tree is native to the Mediterranean region and principally cultivated on the Greek island of Chios.

#### 1.2 Relevant identified users of the substance or mixture and uses advised against

Intended Use	:	Use for foodstuffs & cosmetics.
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#### 1.3 Details of the supplier of the safety data sheet

Company	:	The Chios Gummastic Growers Association K. Monomachou 1 str. 82100 – Chios / Greece
Telephone	:	+30 2271021001-3
Fax	:	+30 22710 26700

#### 1.4 Emergency telephone number

+30 6976993657



## SECTION 2 Hazards Identification

### 2.1 Classification of the substance or mixture

None

### 2.2 Label elements

None

### 2.3 Other Hazards

No data available

## SECTION 3. Composition / information of the ingredients.

Natural product	:	Yes
No CAS	:	61789-92-2
Declaration EINECS	:	263-098-6
Restriction	:	Without
<i>INCI Name:</i>		MonoID: 13171 Pistacia Lentiscus (Mastic) Gum

## SECTION 4. First aid measures

### 4.1 Description of first aid measures

In case of skin contact	:	No reactions are produced..
In case of contact with eyes	:	Wash with soft clean water for 15 minutes holding the eyelids open.
In case of shallow	:	No harmful



#### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms	:	no data available
Risks	:	no data available

#### 4.3 Indication of any immediate medical attention and special treatment need

Treatment	:	None
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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media	:	Carbon dioxide, powder or foam fire extinguisher Water is not generally recommended since it can be ineffective; however, it can be used successfully to cool containers exposed to the fire and to disperse fumes.
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#### 5.2 Special hazards arising from the substance or mixture

Special hazards during firefighting	:	Prevent the effluent of firefighting measures from entering drains or waterways.
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#### 5.3 Advice for firefighters

Protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting.
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## SECTION 6 Accidental release measures

### 6.1 Personal precautions, protective equipment and emergence procedures

Personal precautions : Eliminate any possible source of ignition and ventilate the premise.  
Avoid inhaling the fumes.  
Consult the safety measures listed under 7 and 8.

### 6.2 Environmental precautions

Environmental precautions : Contain and control the leaks or spills with non-combustible absorbent materials (such as sand), for waste disposal.

### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Clean preferably with a detergent. Do not use solvents.

### 6.4 Reference to other sections

Not applicable.



## SECTION 7 Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling	:	Handle in well ventilated areas. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.
Advice protection against fire and explosion	:	Keep packages tightly closed away from source of heat, spark and naked flames.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	No smoking. Store in closed containers, under dry warehouse conditions. Avoid already used packaging.
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## SECTION 8 Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### Personal protective equipment

The protection of the hands by wearing protective gloves is advised.





## SECTION 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties.

Physical form	:	Solidified gum.
Color	:	Transparent to light yellow.
Odor	:	Characteristic, green and rustic odor (Naves 1974)
Solubility	:	Soluble in: isopropyl alcohol, acetone, hexane, methanol, chloroform, diethyl ether, n-butyl ether. Insoluble in water 1%
Moisture	:	max 5%
Total ash	:	0,2%

## SECTION 10 Stability and reactivity

### 10.1 Reactivity

None

### 10.2 Chemical stability

The product is chemical stable.

### 10.3 Possibility of hazardous reactions

None under normal conditions.

### 10.4 Conditions to avoid

Heat flames and sparks.

### 10.5 Incompatible materials

No data available.



## 10.6 Hazardous decomposition products

Stable under normal conditions of use.

## SECTION 11 Toxicological information

The Council of Europe (1981) included Mastic Gum in the list of plants and parts thereof, which are acceptable for use in foods.

## SECTION 12 Ecological information

No ecotoxicologic information about this product known at this time.

## SECTION 13 Disposal considerations

### 13.1 Waste treatment products

Product	:	The product should not be allowed to run into drains or waterways.
Contaminated packaging	:	Empty remaining contents. Do not re-use empty containers.

Comply with the national and regional regulations in force.

## SECTION 14 Transport information

Non-hazardous product.

RID/ADR	:	not available (n.a)
IMDG	:	n.a
ICAO/IATA	:	n.a



## **SECTION 15 Regulatory information**

### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Without specific labeling

### **15.2 Chemical Safety Assessment**

No data available

## **SECTION 16 Other information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge. It's entirely the user's responsibility to secure the proper handling, storage and utilization of the product. The user advised for consequences stemming from the misuse of its product.

