



Chios Gum Mastic - Chios Mastiha

Safety Data Sheet

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Pages: 3

Manufacturer/Supplier:
Contact Person:
Phone:

CHIOS GUM MASTIC GROWERS ASS.
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1. PRODUCT IDENTIFICATION

Commercial name:

Gum Mastic (Chios Mastiha)

Scientific name:

Pistacia Lentiscus var Chia

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.

Genetically Modified Organisms (GMO):

The product does not contain Genetically Modified Organisms and/or any products derived from such organisms

2. CHEMICAL NATURE OF PRODUCT

Natural product:

Yes

No CAS:

61789-92-2

Declaration EINECS:

263-098-6

INCI Name:

MonoID: 13171 Pistacia Lentiscus (Mastic) Gum

Restriction:

Without

3. DANGER IDENTIFICATION

No specific hazard known.

4. FIRST AID

In case of skin contact:

No reactions are produced

In case of contact with the eyes:

Wash with soft, clean water for 15 min.

In case of shallow:

No harmful.





5. **MEASURES FOR FIRE FIGHTING**

Means of extinction:

Carbon dioxide, powder or foam fire extinguisher.

Extinguishing agents not to be used:

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.

Protective equipment for fire-fighters:

They must be equipped with autonomous insulating breathing apparatus.

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. Prevent the effluent of fire-fighting measures from entering drains or waterways.

6. **MEASURES APPLICABLE IN CASE OF ACCIDENTAL SPILLAGE**

No specific measures. Just sweep and collect the solid gum.

7. **HANDLING AND STORAGE IN PRODUCTION AREA**

Store in closed containers, under dry warehouse conditions.

8. **EXPOSURE CONTROL AND INDIVIDUAL PROTECTION**

No harmful, no specific precautions.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

Physical form:

Solidified gum.

Color:

Transparent to light yellow.

Odor:

With a characteristic, green and rustic odor (Naves 1974).

Solubility:

Soluble in: isopropyl alcohol, acetone, hexane, methanol, chloroform, diethyl ether, n-butyl ether

Moisture:

Water Insoluble (<1%)

Total Ash:

Max.1,5 %

0.2 %





ΕΝΩΣΗ
ΜΑΣΤΙΧΟΠΑΡΑΓΩΓΩΝ ΧΙΟΥ
THE CHIOS GUM MASTIC
GROWERS ASSOCIATION

10. STABILITY AND REACTIVITY

Thermal decomposition: Stable under normal conditions of use
Hazardous decomposition: None.
Hazardous reactions: None under normal conditions.

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.

12. ECOLOGICAL INFORMATION

No ecotoxicologic information about this product known at this time.

13. ELIMINATION CONSIDERATIONS

Comply with national and regional regulations in force.

14. TRANSPORT INFORMATION

Non-hazardous product.
 Classification: *RID ADR:* Not available (n.a.)
 IMDG: n.a.
 ICAO IATA: n.a.
 No ONU: n.a.

15. REGULATORY INFORMATION

Labeling according to EEC regulations: 88| 379 & 91|155
Specific labeling.: Without specific labeling
Harmful:
Irritant:

16. OTHER INFORMATION

This information is based on today's knowledge of the product.
 It's entirely the user's responsibility to secure the proper handling, storage and utilization of the product.

The user is advised for consequences stemming from misuse of its product.

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This product corresponds with the regulations of the European food legislations. This specification is carefully drawn up and represents our current knowledge. However, we are not liable for any damage resulting from wilful acts or gross negligence. We guarantee therefore a proper quality within our general conditions of sales.



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