

MATERIAL SAFETY DATA SHEET
conforming to 91/155/EEC

63300-63330 Arabic Gum

Edition: 20.05.2003

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Trade Name: Arabic gum
Article No.: 63300 - 63330
Application: Artists' and Restoration Material

Company: Interlabshop B.V.
Lage Brink 23, 7317 BD Apeldoorn Die Niederlande
Tel. +3155-5215016
www.Labshop.nl, labshop@labshop.nl

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization:
Dried vegetable juice of Aracia senegal. Contains L-Arabinosis, D-Galactosis, L-Rhamnosis and DGlucuronic acid in the ratio 3:3:1:1.

CAS No.: 9000-65-1
EINECS No.: 232-519-5

3. HAZARDS IDENTIFICATION

Not hazardous according to EC regulations.

4. FIRST AID MEASURES

After skin contact: Wash affected skin thoroughly with soap and water.
After eye contact: Flush open eye with plenty of water. If irritation occurs and persists, see a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water, extinguishing powder, CO₂
Unsuitable extinguishing media: none
Unusual fire and explosion: No special measures required.

6. ACCIDENTAL RELEASE MEASURES

Personal protective measures: No special measures required.
Environmental protective measures: No special measures required.
Methods of cleaning/absorption: Material can be swept together and disposed accordingly.

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7. HANDLING AND STORAGE

Handling: No special measures required.

Storage: Store in a dry area protected against humidity and sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design
of technical systems: If necessary, install appropriate exhaust system.

Components with critical values that require
monitoring at the workplace: MAK Value 5 mg/m³ (fine dust limit)

Personal protective equipment:

- Hygiene protection: Do not eat, drink or smoke during work. Follow good industrial hygiene practice.
- Respiratory protection: If necessary wear dust mask.
- Eye protection: Not required.
- Hand/body protection: Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: powder
Color: white/white-yellowish
Odor: odorless

Flash point: > 250°C
Ignition temperature: not applicable
Explosive properties: Dust explosion possible.
Explosion limits: not applicable
Bulk density: 600 kg/m³
Water solubility: Up to 40 % soluble in water.
pH Value: (20°C) 5 (100 g/l H₂O)

10. STABILITY AND REACTIVITY

Conditions to avoid: None required.
Hazardous decomposition products: None required if used according to specifications.

11. TOXICOLOGICAL INFORMATION

Arabic gum is not toxic. Is approved for pharmaceutical and food products.

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Acute toxicity:
LD₅₀ (oral, rabbit): 8 g/kg

12. ECOLOGICAL INFORMATION

No ecological data available.

13. DISPOSAL CONSIDERATIONS

If recycling is not possible, dispose in accordance with local and national regulations.

14. TRANSPORT INFORMATION

Not considered hazardous material according to transportation regulations.

15. REGULATORY INFORMATION

Declaration: According to the available data, this product is not a hazardous product according to the chemical law in the EC or the present edition of the decree for hazardous substances.

National regulations (D):
Water hazard class: not hazardous

16. OTHER INFORMATION

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.