

GUM ARABIC SOLUTION MATERIAL SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: Gum Arabic Solution

Part No.: 8229

Applications: A gum solution for Lithographic plate desensitisation

Supplier: Intaglio Printmaker
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2: COMPOSITION AND INFORMATION ON INGREDIENTS

- **Name:** Gum Arabic Solution
- **CAS No.:** C.I.T. (EC No. 247-500-7) & M.I.T. (EC No.220-239-6) (3:1 Mixture)
- **EINECS Nr.:** 55965-84-9
- **Content:** 0-1 %
- **Classification:** T ,N R-23/24/25, 34, 43, 50/53 55965-84-9 (The Full Text for all R-Phrases are Displayed in Section 16)
- **Composition Comments:** An aqueous gum arabic solution.

3. HAZARDS IDENTIFICATION

- May cause sensitisation by skin contact.
- Direct splashes to the eye may cause irritation.

4. FIRST AID MEASURES

- **Inhalation:** No hazard anticipated.
- **Ingestion:** Rinse mouth thoroughly. Get medical attention if any discomfort continues.
- **Skin:** Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention promptly if symptoms occur after washing.
- **Eyes:** Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

5. FIRE FIGHTING MEASURES

- **Extinguishing Media:** This material is not flammable. Use extinguishing media appropriate for surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

- **Spill Cleanup Methods:** Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

7. HANDLING AND STORAGE

- **Usage Precautions:** Maintain good standards of hygiene and work practices. Wear full protective clothing for prolonged exposure and/or high concentrations.
- **Storage Precautions:** Keep in cool, dry, ventilated storage and closed containers. Keep in original container.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- **Ventilation:** Provide adequate general and local exhaust ventilation.
- **Protective Gloves:** Protective gloves should be used if there is a risk of direct contact or splash. Use Nitrile Gloves.
- **Eye Protection:** No specific eye protection noted, but may be required anyway.
- **Other Protection:** Wear appropriate clothing to prevent any possibility of skin contact.
- **Hygienic Work Practices:** DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Liquid.
- **Colour:** Brown.
- **Odour/Taste:** Mild (or faint).
- **Boiling Point (°C, interval):** >100 - Pressure: 760mmHg
- **Density/Specific Gravity (g/ml):** 1.11 - Temperature (°C):20
- **pH-Value, Diluted Solution:** 4 – 5 - Concentration %M:2
- **Solubility Description:** Soluble in water.
- **Flash Point (°C):** >10 - Method: CC (Closed cup).

10. STABILITY AND REACTIVITY

- **Stability:** Normally stable.
- **Conditions to Avoid:** Avoid excessive heat for prolonged periods of time.
- **Hazardous Decomp. Products:** No specific hazardous decomposition products noted.

11. TOXICOLOGICAL INFORMATION

- **Skin:** May cause sensitisation by skin contact.
- **Eyes:** Direct contact with the eyes may cause slight irritation.

12. ECOLOGICAL INFORMATION

- **Ecological Information:** Not regarded as dangerous for the environment. Volatile Organic Content (%) is equal to Zero
- **Mobility:** Solubility in water: Soluble in water
- **Bio Accumulation:** No data available.
- **Degradability:** No data available.
- **Acute Fish Toxicity:** No data available.
- **Water Hazard Classification:** Germany : WGK2

13. DISPOSAL CONSIDERATIONS

- **Disposal Methods:** Dispose of in accordance with Local Authority requirements.
- **Waste Class:** Regulation 2000/532/EC - Chapter Heading: Waste from MFSU of fine chemicals and chemical products not otherwise specified - 070701. Description: Aqueous washing liquids and mother liquors.

14. TRANSPORT INFORMATION

Not classified as dangerous goods for transport regulations.

15. REGULATORY INFORMATION

Label for Supply: CONTAINS C.I.T. (EC No. 247-500-7) & M.I.T. (EC No.220-239-6) (3:1 Mixture)
'Irritant' Label

Risk Phrases: R-43 May cause sensitisation by skin contact.

Safety Phrases: S-24 Avoid contact with skin.

S-37 Wear suitable gloves.

S-60 This material and its container must be disposed of as hazardous waste.

- **EU Directives:** Dangerous Substances Directive (67/548/EEC). Dangerous Preparations Directive (1999/45/EC).
- Safety Data Sheets Directive (91/155/EEC) (As amended).
- **Statutory Instruments:** Chemicals (Hazard Information and Packaging) Regulations.
- **Approved Code Of Practice:** Classification and Labelling of Substances and Preparations Dangerous for Supply.
- **Guidance Notes:** Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16. OTHER INFORMATION

- **Revision Comments:** Year 2002 - Dangerous Preparations Directive/ Dangerous Substances Directive/ SDS Directive amendments
- **Revision Date:** 22/07/02
- **REV. No./REPL. SDS Generated:** 28/06/00
- **SDS No.:** 2

DISCLAIMER:

The information in this material Safety Data Sheet is based on the present state of our knowledge and on the current EC and National Regulations. The information relates to the specific product designated and may not be valid if it is used in combination with other materials or process.

Nothing herein is to be construed as warranty, expressed or implied. It is always the responsibility of the user to take the necessary steps in order to fulfil the demands laid down in the rules and legislation. The product is for Industrial use only.

Full Text for all R-Phrases are Displayed in Section 16

R-23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R-34 Causes burns.

R-43 May cause sensitisation by skin contact.

R-50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.