

(In compliance with EC/1907/2006 Article 31 and Annex II)

Revision Date: 06/08/2013

Revision Number: 0

Material/Trade Name: GUM SOLUTION

1 – Identification of Substance/Mixture and of the Company/Undertaking

Material/Trade Name : Gum Solution
Material type : Photographic process reagent
Company : Jay House Ltd
Address : 6B Park Lane Industrial Estate
Park Lane
Corsham
SN13 9LG
Telephone : 01249 714555
Fax : 01249 714999
Internet : info@fotospeed.com

2 – Hazards Identification

Classification of the substance or mixture

Not classified as hazardous according to Regulation (EC) No.1272/2008

Not classified as hazardous according to European Directive 67/548/EEC as amended

3 – Composition/Information on Ingredients

CAS No.	EC No.	Index No.	Classification	Concentration
Gum Arabic				
9000-01-5	232-519-5	[-]	[-]	32.8%
Arrowroot				
[-]	[-]	[-]	[-]	3.2%
Phenol				
108-95-2	203-632-7	604-001-00-2	Acute Tox. 3, Skin Corr. 1A, Muta. 2, STOT RE 2. H301, H311, H314, H331, H341, H373 T; 23/24/25 C; R34 Xn; 48/20/21/22, R68	0.4%

4 - First-aid Measures

Inhalation:

Remove to fresh air and rest. If recovery is not rapid call for prompt medical attention. Show this safety data sheet to medical personnel.

Eyes

Irrigate with water for at least 15 minutes. Take care not to wash chemical from one eye to another. If irritation persists, obtain medical attention.

Skin

Remove contaminated clothing. Wash with soap/cleanser and rinse with plenty of water. If irritation persists, obtain medical attention.

Ingestion

Do not induce vomiting. Give plenty of water to drink, if feeling unwell seek prompt medical attention.

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5 - Fire-fighting Measures

Suitable Extinguishers

Use media such as alcohol/aqueous foam, dry chemical, or carbon dioxide or water spray/fog which are suitable and appropriate for any surrounding fire.

Unsuitable Extinguishers

None.

Hazardous Decomposition

May produce carbon oxides.

Special Procedures/information for firefighters

Do not breathe decomposition products and fumes. Use approved self-contained breathing apparatus. Wear fire retardant clothing. Use water spray to cool containers. Prevent runoff from fire control from entering waterways. Large fires should only be dealt with by trained personnel.

6 - Accidental Release Measures

Personal Protection and Precautions

Use suitable personal protective equipment (refer to Section 8 for details). Avoid breathing vapours. Ensure adequate ventilation.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains or watercourses.

Containment, Cleaning up and Disposal Considerations

Absorb in inert material such as sand or non-combustible absorbent granules

Scoop up and place in plastic container to await transfer

Refer to Section 13 for further information regarding disposal.

7 - Handling and Storage

Handling

Avoid inhalation of vapour or mist.

Storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

8 - Exposure Controls/Personal Protection

Occupational Exposure Limit: Contains no substance with occupational exposure limits.

Respiratory Protection

Use in well ventilated areas. Use mechanical ventilation if possible.

Hand Protection

Wear butyl, PVC or nitrile gloves to Standard EN 374. (Breakthrough time for total immersion in excess of 8 hours)

Eye Protection

Wear suitable eye protection such as safety glasses or goggles to Standard BS EN 166 if splash or eye contact likely.

Skin Protection

Wear suitable overalls or apron and change if contaminated. After contact with skin wash off immediately. Wash hands before breaks and immediately after using the product.

9 - Physical & Chemical Properties

Appearance: Liquid

Odour: None

pH: n/e

Boiling point/range: <100°C

Melting point/range: n/e

Flash point: n/e

Flammability: NON FLAMMABLE

Auto flammability: n/e

Explosive properties: n/e

Oxidising properties: n/e

Vapour pressure: n/e

Relative density: n/e

Solubility: n/e

Partition Coefficient: n/e

Vapour Density: n/e

Viscosity: n/e

Evaporation rate: n/e

(n/e = not established)

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10 - Stability and Reactivity

Chemical Stability

Stable at normal temperatures and under recommended storage conditions.

Conditions to Avoid

Extreme temperature and direct sunlight.

Materials to Avoid

Strong oxidising agents.

Hazardous Decomposition Products

No hazardous decomposition products when stored and handled correctly.

11 - Toxicological Information

Acute toxicity

Non-toxic by all routes

Skin corrosion/irritation

Not expected to cause any acute skin corrosion or irritation

Serious eye damage/eye irritation

Not expected to cause any eye irritation

Respiratory or skin sensitisation

Not expected to have sensitisation potential

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No component of this product present (as supplied) at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available.

Specific target organ toxicity - repeated exposure

No data available.

Potential health effects**Inhalation** Excessive inhalation of vapours may cause mild, transient respiratory tract irritation.**Ingestion** May be harmful if ingested in gross quantities.**Skin** Excessive handling may cause mild, transient irritation.**Eyes** May cause mild transient eye irritation.**Signs and Symptoms of Exposure**

Cough, Shortness of breath, Headache, Nausea, Vomiting, Difficulty in breathing, Diarrhoea.

12 - Ecological Information

Toxicity

No data available

Persistence and degradability

No data available

Mobility in soil

No data available

PBT and vPvB assessment

No data available

Bio accumulative potential

No data available

Other adverse effects

No data available

13 - Disposal Considerations

Product

Material is classified as hazardous waste under the Hazardous Waste Regulations 2005 (as amended). Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

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14 - Transport Information

ADR/RID	Not classified as hazardous for transport
IMDG	Not classified as hazardous for transport
Marine pollutant:	No
IATA	Not classified as hazardous for transport

15 - Regulatory Information

Label Elements

No statutory safety labels are required for this material in accordance with the provisions of EC/1907/2006, EC/1272/2008 or 67/548/EEC as amended

Other Regulations

Health & Safety at Work etc Act 1974

Control of Substances Hazardous to Health Regulations 2002 (as amended)

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009

Classification, Labelling and Packaging of Substances and Mixtures Regulations 2008 (as amended)

EH40/2005 Workplace Exposure Limits (as amended)

Environmental Protection Act 1990

Hazardous Waste Regulations 2005 (as amended)

16 - Other Information

Text of H-code(s) and R-phrase(s) mentioned in Section 3

H301	Toxic if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H331	Toxic if inhaled
H341	Suspected of causing genetic defects
H373	May cause damage to organs through prolonged or repeated exposure
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed
R34	Causes burns
R48/20/21/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed
R68	Possible risk of irreversible effects

Recommended restrictions on use

Use in accordance with manufacturer's technical instructions.

Revision History

First Issue

Further Information

The information in this Safety Data Sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for people working with or handling these products. This information is believed to be reliable and updated at Revision Date, and represents the best information currently available and known by Jay House Ltd. (Jay House). However, Jay House makes no guarantee or warranty, express or implied, with respect to such information and we assume no liability resulting from its use. The information related herein is based on proper handling and anticipated uses and is for the material without chemical additions or alterations. Users should make their own investigations to determine the suitability of the information for their particular purposes. It is the responsibility of the user to undertake a suitable risk assessment/COSHH assessment prior to using this material.