



Technical Data

Distributed by:
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MATERIAL SAFETY DATA SHEET

National Poison Control Center (any day/time): (412) 681-6669

SECTION 1 - PRODUCT LIABILITY

CHEMICAL NAME: Gum Arabic

TRADE NAME: Gum Arabic, Gum Acacia

SECTION 2 – COMPOSITION

Complex Polysaccharide with molecular weight ranging from 260,000 – 1,160,000

CAS NO.: 9000-01-5

SECTION 3 - HEALTH HAZARD INFORMATION

PRIMARY ROUTE OF ENTRY: Inhalation, eye and skin contact

SYMPTOMS AND EFFECTS OF ACUTE OVEREXPOSURE:

Inhalation of the dust and eye contact may cause irritation.

May be irritating to the skin of a sensitive person.

CHRONIC OVEREXPOSURE: Same as above.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY THIS MATERIAL: None

NOTE: This material is considered “GRAS” generally regarded as safe.

SECTION 4 - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with large volume of water.

SKIN CONTACT: Wash with warm water and mild soap.

INHALATION: Remove from exposure.

NOTE: If irritation persists, consult physician.

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SECTION 5 - EXPOSURE CONTROL MEASURES

ENGINEERING: Use local exhaust ventilation to maintain minimal exposure to nuisance dust.

PERSONAL PROTECTIVE EQUIPMENT: Use approved respirator if dust becomes a nuisance.

SECTION 6 - REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY Insoluble in alcohol

HAZARDOUS DECOMPOSITION PRODUCTS: Can emit acrid smoke and irritating flames.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 7 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >90°C

EXTINGUISHING MEDIA: Water, Carbon Dioxide, or Foam.

SPECIAL FIRE FIGHTING PROCEDURES: Normal fire fighting precautions only.

UNUSUAL FIRE AND EXPLOSION HAZARDS: As with all carbohydrates a potential dust explosion hazard exists if the dust concentration in the air is high

SECTION 8 - PRECAUTIONS FOR SAFE HANDLING AND USE

PRECAUTIONS FOR HANDLING AND STORAGE: Store in dry place. Keep container closed to avoid moisture pick-up. Practice reasonable care and cleanliness.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Dry Powder - Sweep up or vacuum promptly and put into a disposable container. Wet material becomes slippery. Wash with water solution or apply absorbent material, sweep up and wash area.

WASTE DISPOSAL METHODS: Dispose in accordance with local regulations.



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TRANSPORTATION INFORMATION:

LAND TRANSPORT	GOODS NOT DANGEROUS IN THESE REGULATIONS
INLAND NAVIGATION TRANSPORT	GOODS NOT DANGEROUS IN THESE REGULATIONS
SEA SHIPPING TRANSPORT	GOODS NOT DANGEROUS IN THESE REGULATIONS
AIR TRANSPORT	GOODS NOT DANGEROUS IN THESE REGULATIONS

SECTION 9 - PHYSICAL/CHEMICAL CHARACTERISTICS

SPECIFIC DENSITY: 1

SOLUBILITY IN WATER: Over 99%

APPEARANCE AND ODOR: White to Cream Color

PHYSICAL FORM: Powder/Spray Dried/Kibbled



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