

MATERIAL SAFETY DATA SHEET

GUM ARABIC

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May be used to comply with
OSHA'S Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

US DEPARTMENT OF LABOR

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)
GUM ARABIC

Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name
COLONY PROCESSING INC

Emergency Telephone Number
1-877-220-5722

Address (Number, Street, City, State, Zip Code)
2826 EXECUTIVE POINT DR

Telephone Number for Information
1-704-226-9666

MONROE NC 28110

Date Prepared **01-03-06**

Signature of Preparer (Optional)

Section II - Hazardous Ingredients / Identify Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (OPTIONAL)
GUM ARABIC	THIS MATERIAL IS NOT CONSIDERED HAZARDOUS UNDER THE			
CAS# 9000-01-5	DEPARTMENT OF LABOR DEFINITION.			

Section III - Physical / Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O=1)	N/A
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate =1)	N/A

Solubility in Water **LIMITED BY VISCOSITY - FORMS GEL**

Appearance and Odor **WHITE TO PALE YELLOW, FREE FLOWING POWDER. BLAND ODOR.**

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	NOT-APPLICABLE	Flammable Limits	L/EL	U/EL
Extinguishing Media	USE WATER, CARBON DIOXIDE, OR FOAM TO EXTINGUISH FIRES.			

Special Fire Fighting Procedures
**WEAR SELF CONTAINED POSITIVE PRESSURE BREATHING APPARATUS
AND FULL FIREFIGHTING PROTECTIVE CLOTHING**

Unusual Fire and Explosion Hazards
PRODUCT AS SHIPPED IN PULVERIZED FORM MAY GENERATE DUST IN HANDLING. LIKE ALL DRY CARBOHYDRATES AND MOST ORGANIC CHEMICALS, THE DUST IN THE PRESENCE OF A SOURCE OF IGNITION CARRIES A POTENTIAL EXPLOSION HAZARD IF THE CONCENTRATION IN THE AIR IS TOO HIGH. GOOD HOUSEKEEPING PROCEDURES ARE REQUIRED TO MINIMIZE THIS POTENTIAL.

Section V – Reactivity Data

Stability	Unstable		Condition to Avoid	FIRES, SPARKS, EXCESSIVE HEAT WILL ENIT ACRID SMOKE AND FUMES WHEN HEATED TO DECOMPOSITION.
	Stable	X		

Reactivity (Materials to Avoid) **NO SPECIFIC INFORMATION AVAILABLE.**

Hazardous Decomposition or Byproducts
THERMAL DECOMPOSITION OR BURNING WILL PRODUCE CARBON DIOXIDE, CARBON MONOXIDE.

Hazardous Polymerization	May Occur		Conditions to Avoid	
	Will Not Occur	X		

Section VI – Health Hazard Data

Route(s) of Entry: Inhalation? Skin? Ingestion?
NO SPECIFIC INFORMATION AVAILABLE

Health Hazards (Acute and Chronic)
THIS MATERIAL IS NOT CONSIDERED HAZARDOUS UNDER THE DEPT. OF LABOR DEFINITION.

Chronicity: NTP? (ARC Monographs? OSHA Regulated?
PRACTICALLY NON-TOXIC. OSHA, PEL AND ACGIH TLV FOR THIS PRODUCT ARE BASED ON NUISANCE DUST/ PARTICULATE VALUES.

Signs and Symptoms of Exposure
DUST MAY CAUSE MODERATE SKIN OR EYE IRRITATION WITH REPEATED OR PROLONGED CONTACT.

Medical Conditions
Generally Aggravated by Exposure: **NO SPECIFIC INFORMATION AVAILABLE.**

Emergency and First Aid Procedures
EYE: FLUSH WITH WATER. SKIN: WASH WITH MILD SOAP AND WATER.
INHALATION: MOVE TO FRESH AIR. IF CONDITION PERSIST, SEEK MEDICAL ATTENTION.

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
DRY POWDER: SWEEP UP OR VACUUM IMMEDIATELY AND PUT IN DISPOSAL CONTAINER. ELIMINATE IGNITION SOURCES. WET SOLUTION: WET MATERIAL MAY BECOME SLIPPERY, DIKE SPILLS TO MINIMIZE CONTAMINATION. COMPLETELY ABSORB WITH INERT MATERIAL.

Waste Disposal Method
SWEEP UP OR SCOOP UP AND PLACE IN DISPOSAL CONTAINER. IMMEDIATELY FLUSH AREA WITH PLENTY OF WATER AND DIRECT WASHINGS TOWARD SANITARY SEWERS (IF PERMITTED). DISPOSE IN LOCAL SANITARY LANDFILL IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGULATIONS. U. S. EPA DOES NOT DEFINE THIS PRODUCT AS SHIPPED AS HAZARDOUS WASTE UNDER RCRA.

Precautions to Be Taken in Handling and Storing
STORE IN COOL DRY AREA TO AVOID DETERIORATION OF PRODUCT. KEEP CONTAINERS CLOSED TO AVOID MOISTURE PICK-UP. PRACTICE REASONABLE CARE AND CLEANLINESS.

Other Precautions

Section VIII – Control Measures

Respiratory Protection (Specify Type)
PROPERLY FITTED NIOSH APPROVED DUST OR AIR-LINE RESPIRATORS

Ventilation	Local Exhaust	Special	RECOMMENDED WHEN APPROPRIATE	NONE REQUIRED
	Mechanical (General)	Other	NOT RECOMMENDED AS SOLE MEANS OF CONTROLLING EMPLOYEE EXPOSURE.	NONE REQUIRED

Protective Gloves: **IMPERVIOUS GLOVES** | Eye Protection: **SAFETY GOGGLES**

Other Protective Clothing or Equipment
EYEWASH FOUNTAINS SHOULD BE EASILY ACCESSIBLE.

Work / Hygienic Practices
GENERAL GOOD HOUSEKEEPING PROCEDURES ARE RECOMMENDED.