Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Gum Arabic

Manufacturer: Colony Gums, Inc
Address: 2626 Executive Point Dr Monroe, NC 28110
Emergency Telephone: 1-877-220-5722
Recommended Use: Food, Pharmaceutical, Chemical
Restrictions on Use: None

Section 2 - Hazards Identification

HMIS	
H	1
F	1
R	0

Emergency Overview: Non-hazardous under normal use
Appearance: White to pale yellow, Free Flowing, Bland Odor

Primary Entry Routes: Inhalation, ingestion, eye or skin contact.
Acute Effects:
Inhalation: May cause irritation of the respiratory tract
Eye: May cause eye irritation.
Skin: May cause dryness and slight irritation
Ingestion: May cause gastrointestinal tract irritation
Carcinogenic Effects: N/A
Mutagenic Effects: N/A
Teratogenic Effects: N/A
Developmental Toxicity: Prolonged exposure is not known to aggravate medical conditions.

Section 3 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt *or* % vol
Gum Arabic	9000-01-5	100%

Section 4 - First Aid Measures

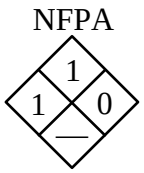
Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and seek medical attention.
Eye Contact: Prolonged or repeated eye and skin contact may cause irritation. Flush eyes with water for 15 minutes.
Skin Contact: Wash with soap and plenty of water.
Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Seek medical attention

Always seek medical attention if irritation persists.

Note to Physicians: Treat symptomatically and supportively.

Section 5 - Fire-Fighting Measures

Flash Point: Above 370°C (698°F) Dust
Burning Rate: N/A
Autoignition Temperature: N/A
UEL: N/A
LEL: N/A
Flammability Classification: N/A
Flammable Limits: Non-Flammable Solid
Extinguishing Media: Use water, Carbon dioxide, or foam to extinguish fires.



Unusual Fire or Explosion Hazards: Powder has potential to form explosive mixture with air. Good housekeeping are required to minimize this potential.
Hazardous Combustion Products: Carbon dioxide, Carbon monoxide
Conditions to Avoid: Fires, Sparks, Excessive heat, Will emit Acrid smoke, fumes when heated to decomposition.
Fire-Fighting Instructions/Equipment: Wear self contained breathing apparatus and full firefighting protective clothing. Floor will become very slippery when wet.

Section 6 - Accidental Release Measures

Spill /Leak Procedures: Cleanup personnel should wear the necessary personal protective equipment to prevent skin or eye contact and dust inhalation.

Small Spills: Vacuum or sweep up material and place into a suitable disposal container.

Large Spills Shovel material and place in waste disposal container.

Cleanup: Flush residues to drain with plenty of water. Area will be very slippery when water is used.

Section 7 - Handling and Storage

Handling Precautions: Clean thoroughly after handling. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Keep away from heat, flame sparks and other ignition sources.

Storage Requirements: Store in a cool, dry, well-ventilated area away from sources of ignition.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Use engineering methods to control hazards. This includes exhaust ventilation directly to the outside to airborne levels below recommended exposure limit.

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls:

Respiratory Protection: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a OSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Protective Clothing/Equipment: Wear chemically protective gloves, shoes, aprons, and clothes to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses. Dust mask.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Physical State: Powder

Appearance and Odor: White to cream powder, Bland odor

Odor Threshold: N/A

pH: 4-7

Freezing/Melting Point: N/A

Boiling Point: N/A

Evaporation Rate: N/A

Flammability:

LEL: N/A

UEL: N/A

Vapor Pressure: N/A

Vapor Density (Air=1): N/A

Relative Density: N/A

Solubility: soluble in water

Partition coefficient: N/A

Auto-ignition temperature: N/A

Decomposition Temperature: N/A

Viscosity: N/A

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal conditions

Conditions to Avoid: Heat and sources of ignition

Incompatibility: Oxidizing materials

Section 11- Toxicological Information

Toxicity Data:*

Routes of Entry: Eyes, Skin, and Inhalation
Acute Inhalation Effects:
Human, inhalation, TC_{Lo}: N/A
Acute Oral Effects:
Rat, oral, LD_{50}: >5000 mg/kg

Ingestion: Irritation and burning sensations of mouth and throat, nausea, vomiting, and abdominal pain.
Skin: Redness and itching

Chronic Effects: no data available
Mutagenicity: no data available
Teratogenicity: no data available
Component Carcinogenicity: Not listed as carcinogenic by IARC, OSHA, NTP

Eyes: Redness, tearing itching, burning, conjunctivitis
Inhalation: Irritation of mucous membranes, coughing, wheezing, shortness of breath

Section 12 - Ecological Information

Ecotoxicity: N/A
Soil Absorption/Mobility: N/A

Environmental Degradation: N/A
Environmental Fate: N/A

Section 13 - Disposal Considerations

Check with all applicable local, regional, and national laws regulations. Small amounts of this material may be suitable for sanitary sewer or trash disposal. Always contact a permitted waster disposer to assure compliance.

Section 14 - Transport Information

DOT Transportation Data Not Regulated.

UN/NA #: N/A
Canada TDG: Not regulated by TDG
Shipping Name: Not regulated
Hazard Class: N/A
Packing Group: N/A
IMDG CODE: This material is not regulated under the IMDG/IMO regulations

Section 15 - Regulatory Information

US FEDERAL

General Information:
This material is approved by the FDA as a Food Additive
TSC:
All components are listed or exempt from TSCA Inventory.
SARA:
This material is not listed under Section 302 (40 CFR 355 Appendix A), SARA Section 13 (40 CFR 372.65) Section 302 (TPQ) SARA Section 311/312 Hazard Categories: Fire Hazard, Acute Health This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313: None

OSHA:
None of the chemicals in this product are considered highly hazardous by OSHA.
STATE:
This material can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Massachusetts.
California Proposition 65: This material is not a chemical known to the State of California to cause cancer or reproductive toxicity under the "Safe Drinking Water and Toxic Enforcement Act of 1986".
Canadian Environmental Protection Act: All of the components of this product are listed on the Canadian Domestic Substances List or exempt from notification requirements.
European Inventory of Existing Commercial Chemical Substances (EINECS): All of the components of this product are listed on the EINECS Inventory or exempt from notification requirements.
Japan MITI: All of the components of this product are existing chemical substances as defined in the Chemical Substance Control Law.

Australian Inventory of Chemical Substances: All of the components of this product are listed on the AICS Inventory or exempt from notification requirements.
Canadian WHMIS Classification
Not controlled under WHMIS (Canada)

Section 16 - Other Information

NFPA Hazard Ratings: NFPA® Flammable (combustible dust) with representative diameter less than 420 microns (40 mesh).
Health: 1 Flammability: 2 Reactivity: 0

HMIS Hazard Ratings: Health: 1 Flammability: 1 Reactivity: 0

Abbreviations:
ACGIH American Conference Of Governmental Industrial Hygienists
ANSI American National Standards Institute CAS Chemical Abstracts Service
CDC Centers for Disease Control and Prevention
CFR The Code of Federal Regulations
EEC European Economic Community
EINECS European Inventory of Existing Commercial Chemical Substances
EPA United States Environmental Protection Agency
FDA United States Food and Drug Administration
HMIS Hazardous Materials Identification System
IARC International Agency for Research on Cancer
IMDG International Maritime Dangerous Goods
LD50 Lethal Dose expected to cause death in 50% of the test animals
MITI Ministry of International Trade and Industry
NFPA National Fire Protection Association
NIOSH CDC - National Institute for Occupational Safety
NTP National Toxicological Program
OSHA U.S. Department of Labor, Occupational safety and health administration
PEL OSHA - permissible exposure limit TLV
ACGIH - threshold limit value
TWA Time weighted average
UN/NA United Nations / North America US United States
WHMIS Workplace Hazardous Materials Information System

Disclaimer: All information, recommendations and suggestions appearing herein are based upon sources believed to be reliable: However, it is the users responsibility to determine the safety, toxicity and suitability for its own use of this product. COLONY GUMS, INC. DOES NOT ASSUME ANY LIABILITY ARISING OUT OF THE USE BY OTHERS OF THIS PRODUCT.

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