

GraphLine Inc.[®]

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MATERIAL SAFETY DATA SHEET

IN CASE OF TRANSPORTATION EMERGENCY (Spill, Leak, Fire, Exposure, Accident)
Call CHEMTREC 1-800-424-9300 (24 Hour)

SECTION 1: IDENTIFICATION

Name: GUM, AQUEOUS PLATE

Revision 5/8/2003

Product Number 6018107014A

Size 5 gal.

Formula: Aqueous Mixture

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

C.A.S. #	INGREDIENTS	OSHA		ACGIH		CANADA		%
		TWA	STEL	TWA	STEL	TWA	STEL	
32609-14-6	GUM ARABIC							1-2
EXPOSURE LIMITS								
GUM ARABIC								

Source of Exposure Limit Data:

OSHA: Occupational Safety and Health Administration

ACGIH: American Conference of Governmental Industrial Hygienists

CANADA: Province of Alberta's Occupational and Health and Safety Act.

ADDITIONAL EXPOSURE INFORMATION

CAS. NUMBER	SKIN DESIGNATION *			CARCINOGENS			PRIMARY HAZARD	IDLH (ppm)
	OSHA	ACGIH	CANADA	IARC	NTP	OSHA		
32609-14-6	No	No	No					

* For substances designated as a 'Skin' hazard, protective measures are recommended to prevent or reduce skin absorption. These measures may include the use of gloves, aprons, goggles or other equipment, as well as engineering controls or work practices.

SECTION 3: HAZARDS IDENTIFICATION

EYES CONTACT:

Liquid or vapor may cause eye irritation.

SKIN CONTACT:

May cause skin irritation.

INHALATION:

Due to the low concentrations of hazardous ingredients and the aqueous nature of this product, no adverse effects are expected. In pure form one or more of the ingredients have caused respiratory system irritation, temporary nervous system impairment, lung damage, predisposition to respiratory infections, possible respiratory allergy and chemical changes in the brain.

INGESTION:

Due to the low concentrations of hazardous ingredients and the aqueous nature of this product, no adverse effects are expected. In pure form one or more of the ingredients have caused abdominal pains, cramps, nausea, vomiting, diarrhea, weakness, dizziness, headache, drowsiness and unconsciousness.

H.M.I.S. CODES: HEALTH: 1 FIRE: 0 REACTIVITY: 0 PROTECTION: D

SECTION 4: FIRST AID MEASURES

EYE CONTACT:

In case of eye contact, flush eyes with plenty of water for several minutes and contact physician.

SKIN CONTACT:

In case of skin contact, wash affected area with soap and water.

INHALATION:

N/A-- Not a likely route of entry. If symptoms occur, remove person to fresh air. If symptoms continue, call a physician.

INGESTION:

If swallowed, drink two glasses of milk or water and contact a physician or poison control center.

SECTION 5: FIRE FIGHTING MEASURES

Flash point (F) : None FLAMMABILITY LEL- N/A UEL- N/A

Extinguishing media: CO2

Special fire fighting procedures :

Firefighters should wear self contained breathing apparatus and full protective clothing.

Unusual fire and explosion hazards :

NONE

NATIONAL FIRE PROTECTION ASSOC. CODES

HEALTH: 1 FIRE: 0 REACTIVITY: 0 SPECIAL: NONE

SECTION 6: ACCIDENTAL RELEASE MEASURES**SPILL RESPONSE:**

Collect spilled material. Flush area with water as necessary. -U.S. EPA Hazardous Waste Number: (Non-hazardous)

SECTION 7: HANDLING AND STORAGE

Store in well ventilated area. Keep container closed when not in use. Remove and wash contaminated clothing immediately. Do not store food, drink, or tobacco in area where they may become contaminated with this material. Store above 32 deg. F.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Avoid eye contact. Avoid prolonged or repeated skin contact. Wear suitable gloves. Keep tightly closed when not in use. Prevent from freezing. Keep out of reach of children.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling point (F) : 212

Melting point: N/D

Percent volatile by volume : 85

Evaporation rate: N/D (N-Butyl Acetate=1)

Specific gravity (water = 1) : 1.07

Appearance : Pale amber to orange brown

Volatile Organic Compounds: N/A

Vapor pressure: 17.5 [mm/Hg]

Vapor density: N/D

Solubility in water: COMPLETE

pH: 5.0

Odor: NONE

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Hazardous polymerization: Will not occur

Incompatibility (materials to avoid): N/A

STABILITY: Stable

Hazardous decomposition products: N/A

SECTION 11: DISPOSAL CONSIDERATIONS

For amounts greater than expected in normal use, neutralize with sodium hydroxide, lime or soda ash. Check pH with litmus paper or pH meter. Neutralized solution may generally be slowly discharged to a wastewater treatment system. Since regulations vary, consult local authorities or regulations before disposal.

SECTION 12: TRANSPORTATION INFORMATION

SHIPPING NAME: NOT REGULATED MATERIAL

UN ID-#: N/A

PACKING GROUP: N/A

MAJOR CLASS: N/A

PRIMARY LABEL: N/A

MINOR CLASS: N/A

SECONDARY LABEL: N/A

REMARKS:

* Reference: CFR 49, Table 172.102 (highway)

SECTION 13: REGULATORY INFORMATION

<u>CAS. NUMBER</u>	<u>CERCLA</u>	<u>SARA-EHS</u>	<u>SARA-313</u>	<u>RCRA</u>	<u>CAL-PROP 65</u>	<u>N.J.</u>	<u>FLA.</u>
32609-14-6	No	No	No	No	No	No	Yes

* Specific CAS Number references from these regulatory tables:

CERCLA: 40 CFR. Table 302.4

CAL-PROP 65: California Proposition 65, Developmental and Reproductiv

SARA-EHS: 40 CFR. 355 Appendices A B

New Jersey Right to Know

SARA-313: 40 CFR. section 372.65

Florida Right to Know

RCRA: 40 CFR. section 261.3

SECTION 14: OTHER INFORMATION

Comments: Name change 11/14/95

The data in this Material Safety Data form relates to the specific material designated herein and to the standard use of same in combination with other materials or processes. The hazards covered are believed to be those most likely to occur in the reasonable, contemplated, or ordinary use of these chemicals. No warranty is made or implied in respect of other hazards which may occur as a result of unreasonable, abnormal, or unusual usage, or non-standard application of these materials. The information accumulated herein is believed to be accurate, but GraphLine Inc. expressly denies any warranty to such effect. Customers or recipients are advised to confirm, in advance that the information is current, applicable and suitable to their circumstances. This information is furnished as a service only.