

MATERIAL SAFETY DATA SHEET

GALEX® G75


Date Revised: June 20, 2000

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SECTION I - PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: Galex G75
CAS #: 8050-09-7
CHEMICAL NAME: Disproportionated Gum Rosin

HMIS RATING	
Health	1
Flammability	1
Reactivity	0

Company:  NATROCHEM, INC.
P.O. Box 1205
Savannah, GA 31402-1205

Telephone Numbers:

Transportation Emergencies:

CHEMTREC (U.S.A.): (800) 424-9300 (24 hours)

CHEMTREC (International): (202) 483-7616 (24 hours, call collect)

Product Information: (912) 236-4464 (EST, 8:00AM – 4:00PM M-F)

SECTION II - HAZARDOUS INGREDIENTS

The component(s) listed below is identified as a hazardous chemical under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

INGREDIENT	CAS REGISTRY	PERCENT
Iodine	7553-56-2	0.2

SECTION III - PHYSICAL DATA

Boiling Point: None

Specific Gravity: 1.060

Vapor Pressure (mm Hg): Solid

Percent Volatiles: N/A

Vapor Density (Air = 1): Solid

Evaporation Rate: < 1

Solubility in Water: Negative

Appearance and Odor: Friable, amber solid.

SECTION IV - FIRE & EXPLOSION DATA

FLASH POINT (Method Used): 209° C (COC)

FLAMMABLE LIMITS: N/D

AUTOIGNITION TEMPERATURE: N/DA

EXTINGUISHING MEDIA: Use water spray, foam, dry chemical, CO₂, or other Class B agents. Avoid solid water stream if possible.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters and others exposed to products of combustion should wear self-contained breathing apparatus.

UNUSUAL FIRE & EXPLOSION HAZARDS: Flammable dust when finely divided and suspended in air.

SECTION V - PERMISSIBLE EXPOSURE LIMITS

OSHA PEL: None established. ACGIH TLV: Nuisance Particulates - 10 mg/m³.

IODINE: Maximum safe concentration up to one hour = 1.0 ppm; prolonged exposure = 0.1 ppm.

SECTION VI - HEALTH HAZARD DATA

PRIMARY ROUTE OF ENTRY- Inhalation, skin and ingestion.

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN: None.

NTP: No IARC: No OSHA: No

EFFECTS OF EXPOSURE-

EYES- Product contacting the eyes may cause irritation.

SKIN- Not an irritant.

INHALATION- Irritant, coughing, pulmonary edema, pharyngitis and cachexia.

INGESTION- Gastrointestinal irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE- N/DA.

SECTION VII - EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: Immediately rinse with clean water for 15 minutes. Retract eyelids often. If irritation persists, seek medical attention.

SKIN CONTACT: Immediately remove contaminated clothing. Wash skin thoroughly with mild soap and water. Flush with lukewarm water for 15 minutes. Seek medical attention if ill effect or irritation develops.

MOLTEN ROSIN ON SKIN: Cool affected area as soon as possible in cold water. Be sure to leave rosin in place. Smother the rosin and affected area with Furacin soluble dressing. Cover affected area with protective bandage. As burn heals, rosin will loosen from flesh and flake off. Severe burns require additional medical treatment.

INHALATION: If overcome by exposure, remove victim to fresh air.

INGESTION: Administer milk, water. Notify physician.

SECTION VIII - REACTIVITY DATA

STABILITY: Stable

MATERIALS TO AVOID- None.

CONDITIONS TO AVOID- None, product stable.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and other unidentified organic compounds.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: MINIMIZE SPILL AREA. Sweep up solid rosin. Allow molten rosin to cool, solidify, and scrape up.

WASTE DISPOSAL METHOD: Incinerate, or dispose of in a sanitary landfill licensed to receive non-hazardous industrial waste. Disposal should be in accordance with local, state, and federal regulations.

SECTION X - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use NIOSH approved dust respirator when airborne exposure is excessive.

VENTILATION: Provide explosion proof ventilation as required to control airborne dust levels. The sum total of all ingredients may emit vapors during normal processing. All possible health effects are not known and individual sensitivities will vary. Effective exhaust ventilation should always be provided to draw dust, fumes and vapors away from workers to prevent routine inhalation. Ventilation should be adequate to maintain ambient workplace atmosphere below the limits listed in Section V.

PROTECTIVE GLOVES: Impervious gloves to protect against contact with product.

EYE PROTECTION: Chemical safety goggles.

OTHER PROTECTIVE EQUIPMENT: Protective clothing, eye wash station, safety shower.

SECTION XI - SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Handling can create explosive dust clouds. Eliminate ignition sources, use explosive proof equipment. Conveying and processing equipment should be spark-proof, well bonded and grounded. Avoid dust accumulations.

If stored molten, rosin must be kept hot and preferably under an inert gas.

OTHER PRECAUTIONS: Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Launder contaminated clothing before reuse.

SECTION XII - ENVIRONMENTAL INFORMATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372):

CAS REGISTRY #	CHEMICAL NAME	PERCENT BY WEIGHT
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None.

This information must be included in all MSDS' that are copied and distributed for this material.

SECTION XII - ENVIRONMENTAL INFORMATION

THE FOLLOWING INFORMATION MAY BE USEFUL IN COMPLYING WITH VARIOUS STATE AND FEDERAL LAWS AND REGULATIONS UNDER VARIOUS ENVIRONMENTAL STATUTES:

Reportable Quantity (RQ), EPA Regulation 40 CFR 302 (CERCLA Section 102):

No RQ for product or any constituent greater than 1% or 0.1% (carcinogen).

Threshold Planning Quantity (TPQ), EPA Regulation 40 CFR 355 (SARA Sections 301-313):

No TPQ for product or any constituent greater than 1% or 0.1% (carcinogen).

Hazardous Chemical Reporting, EPA Regulation 40 CFR 370 (SARA Sections 311-312):

Iodine - 0.2% CAS # 7553-56-2

The components of this product are included on the TSCA Chemical Substance Inventory.

TRANSPORTATION: Not regulated.

SECTION XIII - OTHER INFORMATION

Revision Note: Added CHEMTREC information.

Prepared by: James L. Pye, Jr.

Title: Safety Coordinator

N/A = Not applicable N/D = Not determined N/DA = No Data Available

N/E = Not established

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