Material Safety Data Sheet

SECTION I -- PRODUCT DESCRIPTION

Product Name: Gibberellic Acid, paste
Size: 1 Ounce
Chemical Name: Does not apply -- product is a mixture.
CAS Number: Does not apply -- product is a mixture.
Formula: Lanolin, Anhydrous (CAS# - 8006-54-0) ....... 99.50 - 99.95 %
          Gibberellic Acid (CAS# - 77-06-5) ....... 0.05 - 0.50 %
Synonyms: None known
Distributor: Carolina Biological Supply Company
Address: 2700 York Road
         Burlington, NC 27215
Product Codes: 20-7562, 20-7563
For Information on Health Hazards Call: 1-919-584-0381
For Other Information Call: 1-800-334-5551, (In NC call 1-800-632-1231)
Date: 10-May-89

SECTION II HAZARDOUS INGREDIENTS

Principal Hazardous Components (%): Not applicable
TLV (Units): None established

SECTION III -- PHYSICAL DATA

Melting Point (°C): Approximately 36-42°
Boiling Point (°C): Decomposes at 350°
Vapor Pressure (mm Hg): No information available
Vapor Density (Air = 1): Greater than 1
Specific Gravity (H2O = 1): 0.95 @ 25°C
Percent Volatile by Volume: No information available
Evaporation Rate: No information available
Solubility in Water: Insoluble
Appearance and Odor: Yellow to amber unctuous paste.
SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 530°F C.O.C.
NFPA: 704M Rating: 0-1-0 (Lanolin)
Extinguisher Media: Use water spray, dry chemical, foam or carbon
dioxide. Water may be used to keep fire exposed containers cool and/or
flush spills away from fire area.
flammable Limits in Air % by volume: No information available
Autoignition Temperature: No information available
Special Fire Fighting Procedures: Firefighters should wear full protective
equipment and NIOSH approved self-contained breathing apparatus operated
in pressure demand or other positive pressure mode.
Unusual Fire and Explosion Hazards: Water sprayed onto burning material
may cause frothing and splattering of burning liquid with possible injury
to firefighting personnel.

SECTION V -- HEALTH HAZARD DATA

Threshold Limit Value: See Section II
Toxicity Data: No LD50, LC50 information found for this mixture. Data
listed is for individual components:
Lanolin - LD50(oral-rat) > 26 g/kg. (Source-Supplier's MSDS).
Gibberellic Acid - LD50(oral-rat) = 6300 mg/kg (RTECS, 1986).
Effects of Overexposure:
Acute: May cause irritation to eyes. May cause irritation to skin.
Chronic: No information available
Emergency and First Aid Procedures:
Inhalation: Remove to fresh air. If not breathing, give artificial
respiration. If breathing is difficult, give oxygen. Seek medical
attention.
Eyes: Flush with water for at least 15 minutes, raising and lowering.
upper and lower eyelids occasionally. Seek medical attention.
Skin: Flush with water. If any irritation develops, seek medical
attention.
Ingestion: If swallowed, if conscious, give plenty of water.
Immediately call a poison control center or a physician.

SECTION VI -- REACTIVITY DATA

Stability: Unstable __  Stable _X_
Conditions to Avoid: No information available
Incompatibility (Materials to Avoid): Oxidizers
Hazardous Decomposition Products: Oxides of Carbon
Hazardous Polymerization:
may occur:
will not occur: X
Conditions to Avoid: No information available
SECTION VII -- SPILL OR LEAK PROCEDURES

Steps to be Taken In Case Material is Released or Spilled
Ventilate area of spill. Cleanup personnel should wear proper protective clothing. Sweep or mop up and containerize for disposal.

Waste Disposal Method: Dispose in accordance with all applicable federal, state and local regulations.

SECTION VIII -- SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): None needed under normal conditions of use with adequate ventilation. If airborne concentration is high, NIOSH approved respiratory equipment may be necessary.
Ventilation:
Local Exhaust: Yes
Mechanical (General): Yes
Special: None required
Other: No

Protective Gloves: rubber
Eye Protection: Chemical safety glasses with sideshields for solids. Never wear contact lenses when working with chemicals.
Other Protective Clothing or Equipment: lab coat, eye wash, safety shower

SECTION IX -- SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling or Storing: Store tightly closed in a cool, dry, well ventilated area suitable for general chemical storage.
Other Precautions: No information available

Approved by: Jim Horne

The information provided in this Material Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the Material Safety Data Sheet. Any employer must carefully assess the applicability of any information contained herein in regards to the particular use to which the employer puts the material.