

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.

20-7800  
 20-7805  
 20-7810  
 20-1815  
 Kits

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SECTION IV -- FIRE AND EXPLOSION HAZARD DATA  
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Flash Point (Method Used): 530°C 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.

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SECTION V -- HEALTH HAZARD DATA  
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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.

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SECTION VI -- REACTIVITY DATA  
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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

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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.

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SECTION VIII -- SPECIAL PROTECTION INFORMATION  
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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

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SECTION IX -- SPECIAL PRECAUTIONS  
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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.