



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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MSDS No. GG 91
Effective Date March 3, 1999

SECTION V HEALTH HAZARD DATA

GG 91

Threshold Limited Value

Toxicity data: Gibberellic Acid orl-rat LD50: 6300 mg/kg.
Lanolin is considered non-toxic (LD50: >64 cc/kg).

Effects of Overexposure

May be irritating to skin, eyes and mucous membranes. May be harmful if ingested, may cause Central Nervous System depression, but unlikely due to the small concentration of gibberellic acid present in mixture. Not an inhalation hazard in the form provided. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures

INGESTION: If swallowed, if conscious, give one or two glasses of water to drink. Induce vomiting and call physician immediately. Never give anything by mouth to an unconscious person. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. Contact physician if irritation persists. **EYES:** Flush thoroughly for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation develops or persists, get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid
	Stable	X Excessive temperature and heat.

Incompatibility (Materials to Avoid)	Strong oxidizing materials.
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Hazardous Decomposition Products	Thermal decomposition or burning will produce carbon dioxide and/or carbon monoxide. Do not heat material to decomposition. Toxic vapors may be produced.
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Hazardous Polymerization		Conditions to Avoid
May Occur	Will Not Occur	Not applicable.
	X	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Let solidify or absorb onto paper, sand, earth, vermiculite or other absorbent material and place in a suitable container for proper disposal.
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Waste Disposal Method	Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.
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Base material is a natural product with trace amounts of growth hormone. Material may be disposed as an inert solid waste if local regulations allow. Alternate disposal method is incineration.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)		None needed in normal laboratory handling. If misty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA approved respirator.			
Ventilation	Local Exhaust	None needed.	Special	No.	
	Mechanical (General)	None needed.	Other	No.	
Protective Gloves		Rubber if sensitive.	Eye Protection		Chemical safety glasses.
Other Protective Equipment	Lab coat, apron, eye wash station, proper gloves.				

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place away from strong oxidizing agents, and away from open flames or other heat sources. Wash thoroughly after handling.
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Keep container tightly closed when not in use.

Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.
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Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 5	Date	3/3/99	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
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The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	GIBBERELIC ACID 0.5% IN PASTE (0.0025%)
Chemical Synonyms	Plant Hormone Paste
Formula	Mixture. See Section II.
Unit Size	up to 3.875 Lt.
C.A.S. No.	Mixture. See Section II.

CHEMTREC
800-424-9300
Day 716-226-6177

NFPA HAZARD RATING
LEAST SLIGHT MODERATE HIGH EXTREME
0 1 2 3 4

HMIS *
Health 1
Fire 1
Reactivity 0

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Gibberellic Acid: (CAS No. 77-06-5) Lanolin: (CAS No. 8006-54-0)	0.0025% 99%	None established. None established.
Ethyl Alcohol: (CAS No. 64-17-5)	0.25%	1000 ppm, 1900 mg/m ³
Water: (CAS No. 7732-18-5)	0.25%	None established.

WARNING! MAY BE HARMFUL IF SWALLOWED. MAY CAUSE IRRITATION

SECTION III PHYSICAL DATA

Melting Point (°F)	38°-42°C (100°-107°F) (Paste)	Specific Gravity (H ₂ O = 1)	0.95%
Boiling Point (°F)	Decomposes at 175°C (347°F)	Percent Volatile by Volume (%)	None.
Vapor Pressure (mm Hg)	Negligible.	Evaporation Rate (=1)	None.
Vapor Density (Air=1)	No data.		
Solubility in Water	Practically insoluble.		
Appearance & Odor	Yellowish, tenacious semi-solid fat; slight odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	237.7°C (460°F) CC	Flammable Limits in Air % by Volume	NA	Lower -----	Upper -----
Extinguisher Media	Use any media suitable for extinguishing supporting fire.				

SPECIAL FIREFIGHTING PROCEDURES

If involved in fire situation, wear a NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials. Avoid open flames or sparks, material is a slight fire hazard.

Autoignition Temperature: 445°C (833°F)

D.O.T. Non-Regulated.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20