



SAFETY DATA SHEET

GIBBERELIC ACID

1. SUBSTANCE IDENTIFICATION

Country Mile Gibberellic Acid

Supplier name: Donaghys Ltd
Supplier address: 16 Sheffield Crescent, PO Box 20 449, Christchurch
Supplier phone: 0800 942 006
Emergency phone: Poison information: 0800 POISON (0800 764 766) 24 hours
Chemical emergency: 0800 CHEMCALL (0800 243 622) 24 hours
Product Code: ACMG001,ACMG005
Use: Plant growth regulator

2. HAZARDS IDENTIFICATION

Pictograms:



Signal Word: WARNING

Hazard Statements

6.3B Eye irritant category 2, Causes mild skin irritation, Causes serious eye irritation

Prevention Statements

P102 Keep out of reach of children.
P103 Read label before use.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMMON NAME	CAS NUMBER	CONCENTRATION % w/v
Gibberellic acid	77-06-5	20
2-(2-Ethoxyethoxy) ethanol	111-90-0	<15
Other ingredients	Trade secret	to 100

4. FIRST - AID MEASURES

If Swallowed: Do not induce vomiting. Wash mouth out with water. If medical advice is needed, call the National poison Centre (0800 POISON) 0800 764 766 and have the product container or label at hand.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so, continue rinsing. If eye irritation persists: Get medical advice/attention.

If on skin: Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs: Get medical advice/attention

If inhaled: Remove to fresh air and keep at comfortable position for breathing. Get medical advice/attention if unwell

Advice to Doctor: Treat symptomatically

5. FIRE FIGHTING MEASURES

Fire and explosion hazards:	In the event of a fire the following can be released: Ammonia or oxides of carbon and Nitrogen
Special Protective Equipment:	Self contained breathing apparatus. Safety boots, non-flammable overalls, gloves, hat and eye protection.
Suitable extinguishing Media:	Carbon dioxide, foam, dry chemical, water spray
Hazchem Code:	n/a

6. ACCIDENTAL RELEASE MEASURES

Slippery when spilt, clean up immediately. Wear protective equipment to prevent skin and eye damage. Prevent run off into drains and waterways. Absorb spills with inert material and seal in bags or bottles for disposal at an approved landfill.

7. HANDLING AND STORAGE

Precautions For Safe Handling:	Keep out of reach of children. Avoid contact with eyes and skin. Avoid inhalation dust or spray mist. When mixing or applying, wear protective clothing as described in section 8. Do not eat, drink or smoke while using. Wash hands and face after use. Wash protective clothing after use.
Safe Storage:	Keep out of reach of children. Store in the original, tightly closed container, in a secure well ventilated area out of direct sunlight and away from sources of heat and ignition and away from foodstuffs.
Additional Requirements:	All aspects of storage, handling, use, disposal and record keeping must be in accordance with NZS 8409:2004 'Management of Agrichemicals', and relevant local and regional council plans.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:	Not established
Workplace Exposure Standards:	May cause eye irritation and internal organ damage from repeated oral exposure to high doses.
Engineering Controls:	Ensure adequate ventilation to keep exposure levels to a minimum.
Eye protection:	Safety glasses/goggles when handling open liquid and mixing
Skin protection:	Cotton overalls snugly fitting at the neck, wrist and ankle, waterproof boots and gloves (e.g., PVC or neoprene)
Respiratory protection:	Not required where dust or spray mist is not inhaled. Otherwise, respirator (organic vapour and particulate matter) is required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Soluble Concentrate
Colour:	Yellow to amber clear liquid
Boiling Point:	194°C
Melting Point:	<0°C
Flash Point:	>93°C
Flammability Limits:	Not available.
Specific Gravity:	1.07-1.14 @ 20°C
pH:	4 - 8
Solubility in Water:	Miscible

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of use.
Conditions to avoid:	Store in a cool dry area away from direct sunlight.
Incompatible materials:	Strong oxidizing agents. Strong Alkali – contact may cause ammonia to be liberated. Incompatible with neoprene or rubber – prolonged contact may swell and soften these materials.
Hazardous decomposition products:	Ammonia or oxides of nitrogen
Hazardous Reactions:	None expected under normal conditions

11. TOXICOLOGICAL INFORMATION

Swallowed: Harmful if swallowed. Swallowing may cause irritation to the gastrointestinal tract or lead to nausea, vomiting and diarrhoea.
Eye: Severely irritating to eyes
Skin: May be irritating to the skin. Repeated or prolonged exposure may cause drying or dermatitis.
Inhalation: High concentrations of mist may be irritating to the upper respiratory tract and cause dizziness or headache.
Acute Toxicity: No data available
Chronic Effects: No long term adverse effects are expected.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Very toxic to fish and other aquatic organisms. Do not apply onto or into water. Avoid contamination of any water supply with chemical or empty container.
Persistence and degradability: Product will eventually degrade
Mobility: Product is miscible in water. Do not allow product to enter waterways.

13. DISPOSAL CONSIDERATIONS

Product Disposal: In accordance with local authority regulations, take to special waste incineration plant. If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards. Avoid contaminating waterways.
Container Disposal: Triple or preferably pressure rinse containers before disposal. Add rinsing's to spray tank. Do not dispose of undiluted chemicals on site. If they can not be returned or recycled bury containers below 500mm in a disposal pit specifically marked and set out for this purpose, clear of waterways, vegetation and roots. Empty containers and product should not be burned.

14. TRANSPORT INFORMATION

Not classified as dangerous goods for transport by road and rail. Not classified as dangerous goods by the criteria of the international maritime dangerous goods code (imdg code) for transport by sea.

15. REGULATORY INFORMATION

Classification: None Allocated
Poisons Schedule: None Allocated
Air Transport: Not classified as Dangerous Goods by the criteria of the International Air Transport (IATA) Maritime Dangerous Goods Regulations for transport by air.

16. OTHER INFORMATION

The information in this MSDS is provided in good faith, but no warranty, expressed or implied is made. Contact Donaghys Ltd for more information.

EMERGENCY CONTACT No.: 0800 764 766 (National Poisons Information Centre)

End of Safety Data Sheet