



Section 1 – Identification of the substance/preparation and the company

Product Name: Donaghys Liquid GibbSTART
Company: Donaghys Industries Ltd.
Address: 16 Sheffield Crescent, PO Box 20 449, Christchurch
Telephone Number: 0800 942 006
Manufacturer Product Code:

Section 2 – Hazards Identification

Priority Identifiers: (None)
HSNO Classes: Secondary Identifiers
3.1D, 8.2C, 8.3A, 6,9B, 9.1A Harmful if swallowed. Irritating to eyes and skin.

Section 3 – Composition/Information on Ingredients

Ingredient	CAS No.	Content (% w/w)
Gibberellic acid	77-06-5	10
Alkylamines	n/a	<10%
2-(2-Butoxyethoxy) ethanol	112-34-5	11%
Other non-hazardous ingredients	n/a	to 100%

Section 4 – First Aid Measures

Skin Contact: Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before reuse. If irritation occurs seek medical advice.
Eye Contact: Irrigated with copious quantities of water for 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.
Ingestion: Rinse mouth with water. Give water to drink. Do not induce vomiting. Seek medical advice if nausea or vomiting occurs.
Inhalation: Move to fresh air. Seek medical advice if nausea or vomiting occurs.
Workplace Facilities: Ensure eye bath and safety shower are available and ready to use.
Advice to Doctor: Treat symptomatically.

POISON CENTRE CONTACT: 0800 764 766 24 hours (National Poisons Information Centre)

Section 5 – Fire-fighting Measures

Fire/Explosion Hazard: In the event of a fire the following can be released: Ammonia or oxides of carbon and nitrogen.
HAZCHEM Code: Not Applicable
ERP Guide No: Not Applicable
Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical, Water spray
Fire Fighting Instructions: Fire fighters should wear self contained breathing apparatus if risk of exposure to vapour or products of combustion.

IN CASE OF EMERGENCY PHONE

National Poisons Centre 03-474-4700 or 0800 POISON (0800-764-766)

Ver: 011



Section 6– Accidental Release Measures

Slippery when split, clean up immediately. Wear protective equipment to prevent skin and eye damage.

Prevent run off into drains and waterways. Contain spills with absorbent material such as sand or soil. Collect and seal in properly labeled containers for disposal. Dispose of in accordance with all Local and National regulations at an approved waste disposal site. For small spills, wash with plenty of water.

Section 7– Storage, Handling and Use

Storage:	Keep out of reach of children. Store in the original, tightly closed container, in a secure area.
Handling and Use:	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.
Approved Handler:	Not required.
Tracking:	Not required
Record Keeping:	Not required.
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.

Section 8 – Exposure Controls/Personal Protection

Tolerable Exposure Limit:	None established
Workplace Exposure Standards:	None established (Use lowest practicable level)
Engineering Controls:	Ensure adequate ventilation to keep exposure levels to a minimum.
Personal Protection:	See below
Eye:	Safety glasses/goggles when handling open powder and mixing
Skin:	Cotton overalls snugly fitting at the neck, wrist and ankle, waterproof boots and gloves (e.g., PVC or neoprene)
Respiratory:	Not required where dust or spray mist is not inhaled. Otherwise, respirator (organic vapour and particulate matter) is required



Section 9 – Physical and Chemical Properties

Form:	Emulsifiable Concentrate
Colour:	Yellow to amber clear oily liquid
Boiling Point:	150°C
Melting Point:	<0°C
Flash Point	>80°C
Flammability Limits:	Not available.
Specific Gravity	0.94 @ 20°C
Solubility in Water:	Emulsifiable

Section 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

Section 11 – Toxicological Information

This section describes effects which could occur if this material is not handled in accordance with this data sheet.

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:	
Chronic Effects:	No long term adverse effects are expected.



Section 12 Ecological Information

This section describes effects which could occur if this material is not handled in accordance with this data sheet.

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
Mobility**

Product is based on natural oils and will eventually degrade

Product is emulsifiable in water. Do not allow product to enter waterways.

Section 13 – Disposal Considerations

Disposal Methods

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.

Special precautions for landfill or incineration

Section 14 – Transport Information

**UN Number
UN Proper Shipping Name**

None allocated
None allocated

**Class
Packing Group
Hazchem Code**

None allocated
None allocated
None allocated

**Road and Rail
Transport**

Not classified as Dangerous Goods for transport by road and rail

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport (IATA) Maritime Dangerous Goods Regulations for transport by air.

Section 15 – Regulatory Information

**Classification
Poisons Schedule**

None Allocated
None Allocated

IN CASE OF EMERGENCY PHONE

National Poisons Centre 03-474-4700 or 0800 POISON (0800-764-766)

Ver: 011



Section 16 – Other Information

None Available

Please Note

Users must ensure that the most up to date version of this safety data sheet is used. This Safety Data Sheet summarises information on this product, and how to safely handle and use the product in the workplace. Each user should familiarise themselves with the product label, HazNote and SDS, and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products. Donaghys Industries Ltd assumes no responsibility for the accuracy, completeness or suitability of this information. The user is responsible for determining the suitability and accuracy of this information for their particular purposes. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Always read the product label before use.

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

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