



Date 22/01/2018

# Donaghys GibbSTART MAX


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

**Product Name** Donaghys GibbSTART MAX  
**Company** Donaghys Ltd.  
**Address** 16 Sheffield Crescent  
PO Box 20 449  
Christchurch.  
**Telephone Number** 0800 942 006.

## Section 2 – Hazards Identification

Classified as hazardous according to criteria in the Hazardous Substances Regulations 2001

**EPA NZ Approval Code** HSR100820  
**HSNO Classification**  
**Hazard Classes** 6.3B, 6.4A  
N/A 6.3B Irritating to skin.  
 6.4A Irritating to eye.

### Hazard Statements

H316 Causes mild skin irritation.  
H319 Causes serious eye irritation.

### Prevention Statements (For more information refer to Section 7).

P103 Read label before use.  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

### Response Statements (For more information refer to Section 4).

P332+P313 If skin irritation occurs: Get medical advice/ attention.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/ attention.

## Section 3 – Composition/Information on Ingredients

Ingredient	CAS No.	Content (% w/w)
Gibberellic acid	77-06-5	20%
2-(2-Ethoxyethoxy) ethanol	111-90-0	<25%
Other ingredients	Trade secret	To 100%

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## 4 – First Aid Measures

<b>Skin Contact</b>	Wash contaminated skin with plenty of soap and water. Remove contaminated clothing and wash before reuse. If irritation occurs seek medical advice.
<b>Eye Contact</b>	Irrigated with copious quantities of water for at least 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.
<b>Ingestion</b>	Do not induce vomiting. Wash mouth out with water. For advise call the National Poison Centre (0800 POISON) 0800 764 766 or seek medical advice.
<b>Inhalation</b>	Move to fresh air. Seek medical advice if nausea or vomiting occurs.
<b>Advice to Doctor</b>	Treat symptomatically.

## Section 5 – Fire-fighting Measures

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

## Section 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.

## Section 7– Storage, Handling and Use

<b>Storage</b>	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.
<b>Handling and Us</b>	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.
<b>Approved Handler</b>	Not required.
<b>Tracking</b>	Not required.
<b>Record Keeping</b>	Not required.
<b>Additional Requirements</b>	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.

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## Section 8 – Exposure Controls/Personal Protection

<b>Tolerable Exposure Limit</b>	None established.
<b>Workplace Exposure Standards</b>	May cause eye irritation and internal organ damage from repeated oral exposure to high doses.
<b>Engineering Controls</b>	Ensure adequate ventilation to keep exposure levels to a minimum.
<b>Personal Protection</b>	See below.
<b>Eye</b>	Safety glasses/goggles when handling open liquid and mixing.
<b>Skin</b>	Cotton overalls snugly fitting at the neck, wrist and ankle, waterproof boots and gloves (e.g., PVC or neoprene).
<b>Respiratory</b>	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

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

## Section 10 – Stability and Reactivity

<b>Stability</b>	Stable under normal conditions of use.
<b>Conditions to avoid</b>	Store in a cool dry area away from direct sunlight.
<b>Incompatible materials</b>	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.
<b>Hazardous decomposition products</b>	Ammonia or oxides of nitrogen.
<b>Hazardous Reactions</b>	None expected under normal conditions.

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## Section 11 – Toxicological Information

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

<b>Swallowed</b>	Harmful if swallowed. Swallowing may cause irritation to the gastrointestinal tract or lead to nausea, vomiting and diarrhoea.
<b>Eye</b>	Severely irritating to eyes
<b>Skin</b>	May be irritating to the skin. Repeated or prolonged exposure may cause drying or dermatitis.
<b>Inhalation</b>	High concentrations of mist may be irritating to the upper respiratory tract and cause dizziness or headache.
<b>Acute Toxicity</b>	LD50/LC50: RTECS: CAS# 77-06-5: LD50 = 8500 mg/kg; Oral, rat: LD50 = 6300 mg/kg; Skin, rabbit: LD50 = >2 gm/kg;
<b>Chronic Effects</b>	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.

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

## Section 13 – Disposal Considerations

<b>Disposal Methods</b>	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. 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.
<b>Special precautions for landfill or incineration</b>	Avoid contaminating waterways.

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## Section 14 – Transport Information

<b>UN Number</b>	None allocated.
<b>UN Proper Shipping Name</b>	None allocated.
<b>Class</b>	None allocated.
<b>Packing Group</b>	None allocated.
<b>Hazchem Code</b>	None allocated.
<b>Road and Rail Transport</b>	Not classified as Dangerous Goods for transport by road and rail.
<b>Marine Transport</b>	Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
<b>Air Transport</b>	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

<b>Classification</b>	None Allocated.
<b>Poisons Schedule</b>	None Allocated.

## Section 16 – Other Information

### 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 SDS is provided in good faith, but no warranty, expressed or implied is made. For more information please contact Donaghys Ltd.

<b>DONAGHYS NZ</b>	0800 942 006
<b>DONAGHYS AUSTRALIA</b>	1800 644 404
<b>POLICE, AMBULANCE &amp; FIRE SERVICE</b>	111
<b>NATION POISON INFORMATION CENTRE</b>	0800 POSION (0800 764 766)
<b>HAZARDOUS SUBSTANCES EMERGENCY</b>	0800 CHEMCALL (0800 243 622)

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