



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

**Product Name:** Donaghys 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  
**6.4A** May cause eye irritation

**Section 3 – Composition/Information on Ingredients**

<b>Ingredient</b>	<b>CAS No.</b>	<b>Content (% w/w)</b>
Gibberellic acid	77-06-5	90
Other non-hazardous ingredients		Remainder

**Section 4 – First Aid Measures**

**Skin Contact:** Wash affected area with soap and water. Wash contaminated clothing before reuse. Seek medical advice if irritation persists.  
**Eye Contact:** Hold eyes open and rinse with water for several minutes. Remove contact lenses if easy to do so. Seek medical advice immediately.  
**Ingestion:** Do not induce vomiting. Seek medical advice immediately  
**Inhalation:** Immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. Seek medical advice if feeling unwell.  
**Workplace Facilities:** Hand wash facility. Eye wash facility  
**Advice to Doctor:** No specific antidote. Treat symptomatically.  
**POISON CENTRE CONTACT: 0800 764 766 24 hours (National Poisons Information Centre)**

**Section 5 – Fire-fighting Measures**

**Fire/Explosion Hazard:** May be combustible in a fire. As with many dusts, an explosive air/dust mixture may be formed if rough handling liberates dust in enclosed or poorly ventilated areas  
**HAZCHEM Code:** Not Applicable  
**ERP Guide No:** Not Applicable  
**Extinguishing Media:** All  
**Fire Fighting Instructions:** During a fire, toxic fumes may be emitted. Wear self-contained breathing apparatus. Contain runoff.

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### Section 6– Accidental Release Measures

Exclude non-essential people from the area. Wear protective clothing as described in section 8. Do not inhale dust. Moisten to prevent dusting and carefully sweep up. Place in a waste container. Dispose of safely to a suitable 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 area.
<b>Handling and Use:</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>Site Requirements under the HSNO Act 1996 and HSNO Regulations:</b>	<ul style="list-style-type: none"><li>• A location test certificate is not required</li><li>• A hazardous atmosphere zone is not required</li><li>• Fire extinguishers are not required</li><li>• Signage is not required</li><li>• Emergency information is required for 50 kg or more</li><li>• An emergency plan is not required</li><li>• Secondary containment is not required</li><li>• Separation/Segregation from incompatible substances is not applicable.</li></ul>
<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.

### Section 8 – Exposure Controls/Personal Protection

<b>Tolerable Exposure Limit:</b>	None established
<b>Workplace Exposure Standards:</b>	None established (Use lowest practicable level)
<b>Engineering Controls:</b>	Not practicable given nature of use
<b>Personal Protection:</b>	
<b>Eye:</b>	Safety glasses/goggles when handling open powder and mixing
<b>Skin:</b>	Cotton overalls snugly fitting at the neck, wrist and ankle, waterproof boots and gloves (e.g., PVC)
<b>Respiratory:</b>	Not required where dust or spray mist is not inhaled. Otherwise, respirator (organic vapour and particulate matter) is required

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### Section 9 – Physical and Chemical Properties

<b>Form:</b>	Powder
<b>Colour:</b>	White
<b>Odour:</b>	None
<b>Melting Point:</b>	Not available
<b>Flash Point</b>	Not applicable
<b>Auto Ignition Temperature:</b>	Not applicable
<b>Explosive Limits:</b>	Not available. As with many dusts, an explosive air/dust mixture may be formed if rough handling liberates dust in enclosed or poorly ventilated areas.
<b>Density</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density:</b>	Not available
<b>Solubility in Water:</b>	5 g/l
<b>pH:</b>	Not applicable
<b>Oxidising Properties:</b>	Not an oxidiser
<b>Corrosive Properties:</b>	Not a corrosive

### Section 10 – Stability and Reactivity

<b>Stability:</b>	Stable under normal conditions.
<b>Incompatibility:</b>	Avoid mixing with strong acids, alkalis, and oxidizing agents such as chlorine compounds, ammonium nitrate, etc.
<b>Decomposition:</b>	Decomposition will not occur under normal conditions.
<b>Dangerous Reactions:</b>	Products arising from combustion or thermal decomposition may be toxic, corrosive or flammable.

### 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>	No human poisonings reported. If swallowed, there is no reason to expect adverse effects
<b>Eye:</b>	May cause irritation
<b>Skin:</b>	May cause irritation
<b>Inhalation:</b>	May cause irritation
<b>Acute Toxicity:</b>	Acute Oral LD50 > 5000 mg/kg Acute Percutaneous LD50 > 2000 mg/kg Inhalation LC50 (4 hr) > 5 mg/l
<b>Sensitisation Effects:</b>	None
<b>Mutagenic Effects:</b>	None
<b>Carcinogenic Effects:</b>	None
<b>Reproductive Effects:</b>	None
<b>Teratogenic (Birth) Effects:</b>	None
<b>Systemic Effects:</b>	None

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### Section 12 Ecotoxicity Information

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

<b>Ecotoxic Effects:</b>	Acute Oral LD50 > 5000 mg/kg LC50 (96 hr) (Fish) > 100 mg/l EC50 (48 hr) (Crustacea) >100 mg/l EC50 (72 hr) (Algae) > 100 mg/l Non - toxic to bees
<b>Environmental Fate:</b>	Biodegradable. DT50 (soil) 4 days
<b>Partition Co-Efficient (Kow):</b>	LogP = 0.146 (low)
<b>Environmental Exposure Limit:</b>	None established.

### Section 13 – Disposal Considerations

<b>Product:</b>	Dispose of product by using it in accordance with the label. Waste product should be disposed of to a suitable landfill. For disposal of large quantities contact Donaghys Industries Ltd.
<b>Container:</b>	Dispose of to a suitable landfill. Do not burn. Do not use packaging for any other purpose.

### Section 14 – Transport Information

<b>Dangerous Goods:</b>	Not dangerous for transport
<b>Passenger Service Vehicle:</b>	Maximum quantity 3 Kg

### Section 15 – Regulatory Information

<b>HSNO Approval No:</b>	HSR000747
<b>ACVM Registration No:</b>	P7915

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**Section 16 – Other Information**

**Glossary**

Approved Handler	For some hazardous substances, persons storing, handling and using must be trained and certified
DT50	Time (days) for 50% reduction in concentration
EC50	Concentration required to produce an effect in 50% of organisms
Environmental Exposure Limit	Maximum concentration limit of a substance in an environmental medium, e.g., water, soil.
ERMA	Environmental Risk Management Authority
ERP Guide	Dangerous Goods – Initial Emergency Response Guide SNZ HB 76:2008
HAZCHEM Code	Emergency action code for emergency services
HSNO	Hazardous Substances and New Organisms
LC50	Concentration that will kill 50% of organisms
LD50	Dose that will kill 50% of organisms
Partition Co-Efficient Kow	Ratio of concentration between octanol and water. Values are given as the log value. A high value indicates a substance may bioaccumulate
Record Keeping	Spray diary
Tolerable Exposure Limit	Maximum concentration limit of a substance above which persons must not be exposed
Tracking	For some hazardous substances, a record must be kept of the transport, storage, sale and use of the product
Workplace Exposure Standard	An occupational health standard limiting concentrations of specified substances to which persons are exposed

**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)**

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