

Material Safety Data Sheet – CLONEX

Product Name	Clonex Rooting Hormone Gel		
Issue Date	August 1999 Revised January 2001		
Company Details			
Company Name	Growth Technology Ltd.		
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Identification			
Product Name	Clonex Rooting Hormone Gel		
DG Class	Class 6		
Poisons Schedule	Not scheduled		
Product Use	Propagation of plant cuttings		
Physical Data			
Appearance	Purple viscous solution		
Boiling point	Not applicable		
Vapour Pressure	Not applicable		
Specific Gravity	approx 1.0		
Flash Point	Not applicable		
Solubility in Water	Soluble		
Other Properties			
pH Value	7.0-8.0		
Odour	Slight		
Form	Viscous solution		
Stability	Stable		
Haz. Polymerisation	Will not occur		
Fire/Explosion	not applicable		
Ingredients			
	Name	CAS	Proportion
	Water		97% – 98%
	2-Hydroxyethyl cellulose	9004-62-0	1.2%
	Indole butyric acid	133-32-4	0.3%
Health Hazard Information			
Acute - Swallowed	2-hydroxyethyl cellulose may cause faintness ,convulsions, muscle spasms and blood abnormalities (methaemoglobinaemia) if swallowed in large amounts.		
Acute - Eye	May cause mild irritation		
Acute - Skin	May cause irritation		
Chronic	None known		
First Aid			

Swallowed	If conscious, drink large quantities of water, after which vomiting should be induced by a properly qualified person. Seek immediate medical assistance. Never give anything by mouth to an unconscious person.
Eye	Immediately flush with plenty of low pressure water for at least 15 minutes. Remove any contact lenses. Seek medical assistance.
Skin	Wash with soap and running water.
Advice to Doctor	
Ingredient 2-hydroxy ethyl cellulose may cause methaemoglobinaemia if systemically absorbed.	
Storage and Transport	
Storage Precautions	To protect product quality, store in sealed containers out of direct sunlight.
Handling	Avoid contact with eyes, skin or clothing. Wash thoroughly after handling and before eating, drinking or smoking.
Spills and Disposal	
Spills	Sweep up spilled material. Flush spill area with water. Product is slippery.
Disposal	Dispose of in accordance with local, state and federal regulations.
Other Information	
Toxicology	Ingredient: Hydroxyethyl cellulose: not a skin or eye irritant based on human patch tests. Oral administration of large doses in corn oil produced diarrhoea in rats. Ingredient: Indole butyric acid: LD50 (oral rat) 5000mg/kg. Not considered carcinogenic. Overexposure may cause irritation.
Biological Properties	This product is biodegradable.
Packaging	50 ml, 250 ml, 1 L, 5 L, 25 L

The information above is believed to be accurate and represents the best information currently available to us. It is the users obligation to evaluate and use this product safely and to comply with all relevant Federal, State and Local Government laws and regulations. Growth Corporation Pty Ltd shall not be responsible for loss, damage or injury resulting from reliance upon or failure to adhere to any recommendations or information contained herein, from abnormal use of the material, or from any hazard inherent in the nature of the material.