

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER:

HYGROZYME

PRODUCT USE:

HORTICULTURAL ENZYME

MANUFACTURER'S NAME: **Sipco Industries Ltd**

SUPPLIER'S NAME: **Sipco Industries Ltd.**

STREET ADDRESS: **7236 Wilson Avenue**

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CITY: **Delta**

PROVINCE: **BC**

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POSTAL CODE: **V4G 1H3**

EMERGENCY PHONE:
(613) 996-6666

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SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER OR UN NUMBER OR NA NUMBER	LD50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE)
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NO HAZARDOUS MATERIAL

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE Liquid	ODOUR AND APPEARANCE Dark amber liquid	ODOUR THRESHOLD (PPM) N/ap.		
VAPOUR PRESSURE (MM HG) N/ap.	VAPOUR DENSITY (AIR-1) N/ap.	EVAPORATION RATE N/ap.	BOILING POINT 100 d. C.	FREEZING POINT 0 d. C.
PH 3.0	SPECIFIC GRAVITY 1.17	COEFF WATER/OIL DIST N/ap.	DENSITY N/ap.	

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMABILITY IF YES, UNDER
YES ___ NO **X** WHICH CONDITIONS?

MEANS OF EXTINCTION **N/ap.** SPECIAL PROCEDURES **N/ap.**

FLASHPOINT AND METHOD **N/ap.** UPPER FLAMABLE LIMIT
(% BY VOLUME) **N/ap.** LOWER FLAMABLE LIMIT
(% BY VOLUME) **N/ap.**

AUTOIGNITION TEMPERATURE **N/ap.** HAZARDOUS COMBUSTION PRODUCTS
None

EXPLOSION DATA **N/ap.** SENSITIVITY TO IMPACT **N/ap.** SENSITIVITY TO STATIC DISCHARGE
N/ap.

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY YES **X** NO ___ IF NO, WHICH CONDITIONS? REACTIVITY AND UNDER WHICH CONDITIONS?
N/ap.

INCOMPATIBILITY WITH OTHER SUBSTANCES YES ___ NO **X** IF SO, WHICH ONES? HAZARDOUS DECOMPOSITION PRODUCTS
N/ap.

PRODUCT DESCRIPTION **HYGROZYME**
SECTION 6 – TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY

SKIN CONTACT ___ SKIN ABSORPTION ___ EYE CONTACT X INHALATION ___ INGESTION ___

EFFECTS OF ACUTE EXPOSURE TO PRODUCT **If ingested, may cause laxative reaction (diarrhea)**

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT **For eyes, flush with plenty of water**

EXPOSURE LIMITS **N/ap.** IRRITANCY OF PRODUCT **N/ap.** SENSITIZATION TO PRODUCT **N/ap.** CARCINOGENICITY **N/ap.**

TERATOGENICITY **N/ap.** REPRODUCTIVE TOXICITY **N/ap.** MUTAGENICITY **N/ap.** SYNERGISTIC PRODUCTS **N/ap.**

SECTION 7 – PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY) **Not required** RESPIRATOR (SPECIFY) **Not required** EYE (SPECIFY) **Not required but avoid exposure**

FOOTWEAR (SPECIFY) **Not required** CLOTHING (SPECIFY) **Not required** OTHER (SPECIFY) **None required**

ENGINEERING CONTROLS (SPECIFY E.G. VENTILATION, ENCLOSED PROCESS)
N/av.

LEAK AND SPILL PROCEDURE **Rinse area with water to avoid slippery surface hazard.**

WASTE DISPOSAL **Flush with water. No special action required. Can be discharged down sewer line.**

HANDLING PROCEDURE AND EQUIPMENT **None required**

STORAGE REQUIREMENTS **Store in cool, dry area and protect from freezing.**

SPECIAL SHIPPING INFORMATION **Not Regulated.** TDG UN NUMBER **Not applicable**

SECTION 8 – FIRST AID MEASURES

SPECIAL MEASURES

EYE CONTACT: **May cause irritation. Rinse with plenty of water.**

INGESTION: **May cause laxative reaction (diarrhea).**

ABBREVIATIONS USED: N/AV=NOT AVAILABLE N/AP=NOT APPLICABLE

SECTION 9 – PREPARATION OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC)
Sipco Industries Ltd.

PHONE NUMBER
(604) 940-9922

DATE
Jan. 2005