SJ ENTERPRISES Pty Ltd
PLATINUM SERIES
CYCOFLOWER.COM

CYCO ZYME
SAFETY DATA SHEET

SDS DATE 29/03/2017

SECTION 01 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name:	ZYME
Product type:	Flower Enhancer
Synonyms:	N/A
Product codes:	010
Product Number:	0025
Manufacturer:	SJ Enterprises Pty Ltd
Division:	Australia
Address:	7 O'Conner Court, Gepps Cross, South Australia, 5094 Australia
Emergency phone:	+61 8 8359 8732
Chemtrec phone:	800-424-9300
Other calls:	+61 0430 217 040
Fax phone:	+61 8 83598732
Chemical name:	N/A
Chemical family:	N/A
Chemical formula:	N/A
Product use:	Hydroponic Additive
Prepared by:	SJ ENTERPRISES PTY LTD Material Safety Data Sheet

SECTION 02 - HAZARDS IDENTIFICATION

Emergency overview: This material Is not considered hazardous.

Routes of entry:

Eyes: N/A

Skin: N/A

Ingestion: N/A

Inhalation: N/A

Acute Health Hazards: N/A

Chronic health hazards: No known chronic hazards. This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200) if used properly.

Medical conditions generally aggravated by exposure: No Data found.

verdetop
Gracias por confiar en Verdetop
Más información, fichas y asesoramiento en verdetop.com
www.verdetop.com

Carcinogenicity

Osha: N/A ACGIH: N/A NTP: N/A IARC: N/A

Other: N/A

SECTION 03 - COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS: Amylase

CAS NO.	% WT	% VOL	SARA 313 REPORTABLE
9000-90-2			

SHA PEL-TWA: N/A

OSHA PEL STEL : N/A

OSHA PEL CEILING: N/A

ACGIH TLV-TWA: N/A

ACGIH TLV STEL: N/A

ACGIH TLV CEILING: N/A

	ppm	mg/m3
	$0.069x10^6$	$0.39x10^6$

SECTION 04 - FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.
SKIN: Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops.
INGESTION: Call Poison Control immediately. Rinse mouth with cold water. Give victim 1-2 cups of water or milk to drink. Induce vomiting immediately.
INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Refer to MSDS

SECTION 05 - FIRE FIGHTING MEASURES

Flammable limits in air, Upper: N/A
(% By volume) Lower: N/A
Flash point: N/A - F: C:
Method used: N/A
Autoignition temperature: N/A - F: C:
NFPA Hazard Classification
Health: N/A Flammability: N/A Reactivity: N/A
Other: N/A
HMIS HAZARD CLASSIFICATION
Health: N/A Flammability: N/A Reactivity: N/A
Protection: N/A

verdetop
Gracias por confiar en Verdetop
Más información, fichas y asesoramiento en verdetop.com
www.verdetop.com

Extinguishing media: Use any means suitable for extinguishing surrounding fire.

Special fire fighting procedures: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.
Unusual fire and explosion hazards: Not combustable
Hazardous decomposition products: No data found

SECTION 06 - ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Pick up and place in a suitable container for reclamation or disposal, using a method that does not generate dust.

SECTION 07 - HANDLING AND STORAGE

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

SECTION 08 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: N/A

Ventilation : A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Respiratory protection: For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator (NIOSH type N95 or better filters) may be worn. If oil particles (e.g. lubricants, cutting fluids, glycerine, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Eye protection: Safety glasses. Maintain eye wash fountain and quick-drench facilities in work area.

Skin protection: Wear protective gloves and clean body-covering clothing.
Other protective clothing or equipment: N/A
Work hygienic practices: Please refer to State And Federal regulations

verdetop
Gracias por confiar en Verdetop
Más información, fichas y asesoramiento en verdetop.com
www.verdetop.com

Exposure guidelines: No exposure guidelines have been set for this product.

SECTION 09 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear
Odour: odourless
Physical state: liquid
ph as supplied: 5.9 ph
ph (other):
Boiling point: f: 212 c: 100
Melting point: f: n/a c: n/a
Freezing point: f: 32 c: 0
Vapor pressure (mmHg):
@
F: N/A
C:
Vapor density (air = 1): n/a
@ f: c:
Specific gravity (h2o = 1): 6.94
@ f: 77 c:25
Evaporation rate: basis (=1):
Solubility in water:
Percent solids by weight:
Percent volatile:
by wt/ by vol @ f: c:
Volatile organic compounds (voc):
With water: lbs/gal
Without water: lbs/gal
Molecular weight: 136.9
Viscosity:
@ Room temperature

f: 77 c: 25

SECTION 10 - STABILITY AND REACTIVITY

Stability: stable under ordinary conditions of use and storage
Conditions to avoid (stability): (Residual Only) Exposure to heat may result in build-up of dangerous pressures.
Incompatibility (material to avoid): no incompatibility data found
Hazardous decomposition or by-products: Hydrogen.
Hazardous polymerization: no hazardous polymerization data found.
Conditions to avoid (polymerization): n/a

SECTION 11 - TOXICOLOGICAL INFORMATION

verdetop
Gracias por confiar en Verdetop
Más información, fichas y asesoramiento en verdetop.com
www.verdetop.com

Amylase: LD50 [oral, rat]; N/A; LC50 [rat]; N/A; LD50 Dermal [rabbit]; N/A
Material has not been found to be a carcinogen nor produce genetic, reproductive, or developmental effects.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No Data Found.

Environmental Fate: No Data Found

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

RCRA hazard class: N/A

Section 13 Notes: Do not use this container for any other purpose. Triple rinse containers, then offer the container for recycling, reconditioning, or puncture top, sides and bottom and dispose of in landfill in accordance with your local government regulations.

SECTION 14 - TRANSPORT INFORMATION

U.S. department of transportation not regulated
Proper shipping name:
Hazard class:
ID number:
Packing group:
Label statement:

Water transportation not regulated

Proper shipping name:
Hazard class:
TD number:
Packing group:
Label statements:

Air transportation not regulated
Proper shipping name:
Hazard class:
ID number:
Packing group:
Label statements:

verdetop
Gracias por confiar en Verdetop
Más información, fichas y asesoramiento en verdetop.com
www.verdetop.com

SECTION 15 - REGULATORY INFORMATION

U.S. federal regulations
TSCA (toxic substance control act): no data found
CERCLA (comprehensive response compensation, and liability act): No CERCLA Reportable Quantity has been established for this material.
SARA TITLE III (superfund amendments and reauthorization act): Not an Extremely Hazardous Substance under §302. Not a Toxic Chemical under §313. Hazard Categories under §§311/312: Acute
311/312 hazard categories: no data found
313 reportable ingredients: no data found
State regulations: no data found
International regulations: no data found

SECTION 16 - OTHER INFORMATION

Product Purpose:	Plant Flower Enhancer
Directions:	See Product Label
Other information:	n/a
Preparation information:	n/a

SJ ENTERPRISES Pty Ltd
PLATINUM SERIES
7 O'CONNOR COURT, GEPPS CROSS 5094, ADELAIDE SOUTH AUSTRALIA
PHONE: +61 8359 8732 FAX: +61 8359 8732 EMAIL: INFO@CYCOFLOWER.COM

Prepared by: SJ ENTERPRISES T/A CYCO INTERNATIONAL PTY LTD

info@cycoflower.com

DISCLAIMER:
****
SJ Enterprises provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

SJ ENTERPRISES MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, SJ ENTERPRISES WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.

****

verdetop
Gracias por confiar en Verdetop
Más información, fichas y asesoramiento en verdetop.com
www.verdetop.com