

**BIO-PAK RV TROPICAL EXPRESS NATURAL ENZYME DEODORIZER & WASTE DIGESTER**

SDS Number: WAL-008AU

Revision Date: 5/14/2015

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1 PRODUCT AND COMPANY IDENTIFICATION**Manufacturer**

Walex Products Company Inc
P.O. Box 3785
Wilmington, NC 28406

Vendor

CAMEC PTY LTD
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Product Name: BIO-PAK RV TROPICAL EXPRESS NATURAL ENZYME DEODORIZER & WASTE DIGESTER
Revision Date: 5/14/2015
Version: 1
SDS Number: WAL-008AU
Product Code: BIOTROPEXBG
Chemical Family: Toilet Deodorizer
Internal ID: WAL-008AU
Product Use: Preparation of deodorizing solution for holding tanks.

Emergency # 1-800-424-9300 (Chemtrec USA)
Mfg Contact: International: +1-703-527-3887

2 HAZARDS IDENTIFICATION**Classification of the substance or mixture**

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):
Health, Respiratory or skin sensitization, 1 Respiratory
Health, Serious Eye Damage/Eye Irritation, 2 A
Health, Skin corrosion/irritation, 2

GHS Label elements, including precautionary statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
H319 - Causes serious eye irritation
H315 - Causes skin irritation

GHS Precautionary Statements:

P102 - Keep out of reach of children.
P103 - Read label before use.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P310 - Immediately call a POISON CENTER or doctor/physician.

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P302+350 - IF ON SKIN: Gently wash with soap and water.**P333+313 - If skin irritation or a rash occurs:** Get medical advice/attention.**P304+341 - IF INHALED:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.**P342 - If experiencing respiratory symptoms:** Get medical advice/attention.**P305+351+338 - IF IN EYES:** Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.**P315 - Get immediate medical advice/attention.****Hazards not otherwise classified (HNOC) or not covered by GHS**

Inhalation:	Dust of this product may cause irritation of the nose, throat, and respiratory tract. May cause allergy or asthma symptoms in some individuals.
Skin Contact:	Contents of packet may cause irritation to the skin.
Eye Contact:	Contents of Packet will cause eye irritation.

3 COMPOSITION/INFORMATION ON INGREDIENTS**Ingredients:**

Cas#	%	Chemical Name
0	5-10%	Ethoxylated Fatty Alcohol
0	3-7%	Fragrance
0	1-3%	Cellulase
9001-05-2	3-8%	Catalase
0	2-5%	Dye

Other components consisting of 50-60% of the total composition are considered trade secrets and are being excluded from disclosure on this SDS. The hazards of this (these) ingredients (s) are given on this SDS.

4 FIRST AID MEASURES

Inhalation:	May cause irritation, sensitisation. Consult a doctor if victim feels unwell.
Skin Contact:	Remove contaminated clothing immediately. Wash off skin with plenty of water.
Eye Contact:	Wash out with water for at least 15 minutes. Remove contact lenses. Consult a doctor if irritation persists.
Ingestion:	Do not induce vomiting. Rinse the mouth with water. Give one to two glass of water. Consult a doctor immediately.

5 FIRE FIGHTING MEASURES

Flash Point:	>150 C
Autoignition Temp:	>360 C
Extinguishing media:	Carbondioxide (CO2). Foam. Dry chemical. Water fog.

Special protective equipment for fire-fighters: Use adequate respiratory equipment in case of insufficient ventilation.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Clean up spills immediately. Avoid contact with spilled or released material.

Methods for cleaning up: Collect spilled material in containers. Dispose at an authorised waste collection point. Wash away

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remainder with plenty of water.

Other information: Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

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HANDLING AND STORAGE**Handling Precautions:****Handling:** Wear proper PPE when contact with packets contents is expected. Avoid contact with skin and eyes. Avoid breathing dust.**Storage:** Keep in a cool, dry and well ventilated place (>35 C). Keep away from oxidation agents.**Recommended packaging:** Keep in original container.**Use:** use only as directed. Do not mix with other chemicals.

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EXPOSURE CONTROLS/PERSONAL PROTECTION**Engineering Controls:**

Use only in well ventilated areas. Comply with standard precautionary measures for working with chemicals.

Personal Protective Equipment:**Eyes/Face:** Not normally needed. Wear goggles if exposure to powder is likely.**Body:** None required.**Respiratory Protection:** Not normally needed. Wear NIOSH approved respiratory if exposure to packets contents is expected.**Hand Protection:** Not normally needed. Use impervious gloves if exposed to packets contents.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Orange solid
Physical State:	Powder
Odor:	Tropical
Odor Threshold:	No data
Solubility:	75%
Spec Grav./Density:	.5-.6 g/ml
Softening Point:	NA
Viscosity:	No data
Percent Volatile:	5%
Boiling Point:	NA
Freezing/Melting Pt.:	No data
Flash Point:	No data
Partition Coefficient:	No data
Vapor Pressure:	No data
Vapor Density:	No data
pH:	4-5
VOC:	5%
Evap. Rate:	No data

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Auto-Ignition Temp: No data
Decomp Temp: No data
UFL/LFL: No data

10 STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.
Materials to Avoid: Keep away from strong oxidizing agents.
Hazardous Decomposition: Unknown
Hazardous Polymerization: Not expected to occur

11 TOXICOLOGICAL INFORMATION

No toxicological research has been carried out on this product. Acute Toxicity:

Acute Toxicity:

Oral (LD 50): (LD50: 7410 mg/kg)

Inhalation (LC 50): Not determined

Skin Irritation: (LD 14448 mg/kg)

Eye Irritation: Causes eye damage

Sensitization: May cause an allergic skin reaction

12 ECOLOGICAL INFORMATION

No ecotoxicological research has been carried out on this product.

Ecotoxicity: Not classified as dangerous for the aquatic environment.

Degradability: Product is considered biodegradable according to OECD guidelines.

Bioaccumulative potential: No specific information known.

13 DISPOSAL CONSIDERATIONS

Disposal should be in accordance with applicable regional, national, and local laws and regulations.

14 TRANSPORT INFORMATION

Land transport ADR/RID and GGVS/GGVE: Not classified

Sea transport IMDG/GGVSee: Not classified

Air Transport ICAO-TI and IATA-DGR: Not classified

Transport/Further information: Country specific variations may apply



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15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Ethoxylated Fatty Alcohol (0) [5-10%]

Fragrance (0) [3-7%]

Cellulase (0) [1-3%]

Catalase (9001-05-2) [3-8%] TSCA

Dye (0) [2-5%]

Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act

US Federal Regulations

A: General Product Information

Waste must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

B: Component Analysis

None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4)

State Regulations

A: General Product Information

Product may be subject to reporting in states other than those listed for individual components.

B: Component Analysis-State

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, OR, RI.

Component Analysis-WHMIS IDL

No components are listed in the WHMIS IDL.

16 OTHER INFORMATION

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.