



# SAFETY DATA SHEET

## BIO-GREEN PRO TAB

Infosafe No.: 5GEQU  
ISSUED Date : 31/10/2016  
ISSUED by: custom

### 1. IDENTIFICATION

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**GHS Product Identifier**

BIO-GREEN PRO TAB

**Product Code**

0030060

**Company Name**

CUSTOM CHEMICALS INTERNATIONAL PTY LTD (ABN 73 050 537 674)

**Address**

103-107 Potassium Street Narangba  
QLD AUSTRALIA

**Telephone/Fax Number**

Tel: 07 3204 8300

Fax: 07 3204 8311

**Emergency phone number**

13 1126 in Australia (AH)

**Recommended use of the chemical and restrictions on use**

Deodorant block for urinals

### 2. HAZARD IDENTIFICATION

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**GHS classification of the substance/mixture**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Eye Damage/Irritation: Category 2A

**Signal Word (s)**

WARNING

**Hazard Statement (s)**

Causes serious eye irritation.

**Pictogram (s)**

Exclamation mark



**Precautionary statement – Prevention**

Wash contaminated skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement – Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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**Ingredients**

Name	CAS	Proportion
Bacteria cultures	NA	1- <10 %
Amides, C8- 18 and C18- unsatd. , N- (hydroxyethyl)	69227- 24- 3	1- <10 %
Other ingredients classified as non hazardous at the concentrations used according to the criteria of Safe Work Australia		-

### 4. FIRST-AID MEASURES

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**Inhalation**

If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.

**Ingestion**

Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give 1-2 glasses of water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor) if required.

**Skin**

Remove all contaminated clothing immediately. Wash with copious amounts of water for 15 minutes. Ensure contaminated clothing is washed before re-use or discard. If irritation occurs seek medical attention.

**Eye contact**

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

**First Aid Facilities**

Eyewash, safety shower and normal washroom facilities.

**Advice to Doctor**

Treat symptomatically.

**Other Information**

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

### 5. FIRE-FIGHTING MEASURES

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**Suitable Extinguishing Media**

Use carbon dioxide (CO2) fire extinguisher, foam, dry powder, water fog or fine water spray.

**Unsuitable Extinguishing Media**

Do not use water jet.

**Hazards from Combustion Products**

Not combustible. However if involved in a fire will emit toxic fumes. Oxidiser.

**Specific Hazards Arising From The Chemical**

Oxygen released on exothermic decomposition may support combustion in case of surrounding fire. Pressure burst may occur due to decomposition in confined spaces/containers. Wet product decomposes exothermally and may cause combustion of organic materials.

#### **Precautions in connection with Fire**

Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition. Evacuate area - move upwind of fire.

## **6. ACCIDENTAL RELEASE MEASURES**

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#### **Emergency Procedures**

Minor spills do not normally need any special clean-up measures. Rinse with water. In the event of a major spill, prevent spillage from entering drains or water-courses. Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Spilt material should be shoveled up into appropriately labelled drums for disposal by an approved agent according to local conditions. Residual deposits will remain slippery. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.

## **7. HANDLING AND STORAGE**

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#### **Precautions for Safe Handling**

Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling.

#### **Conditions for safe storage, including any incompatibilities**

Store in a cool, dry, place with good ventilation. Avoid storing in aluminium and light alloy containers. Store away from incompatible materials (Section 10). Keep containers closed at all times - check regularly for leaks.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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#### **Occupational exposure limit values**

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Peak Limitation: A ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minute

#### **Biological Limit Values**

No biological limits allocated.

#### **Appropriate Engineering Controls**

This substance is hazardous and care should be taken to ensure ventilation is adequate to maintain air concentrations below exposure limits. Use only in a well ventilated area. If the engineering controls are not sufficient to maintain concentrations of dusts below the exposure standards, suitable respiratory protection must be worn.

#### **Respiratory Protection**

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

#### **Eye Protection**

Safety glasses with side shield protection, goggles or face shield should be used. Eye protection devices should conform to relevant regulations.

Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

#### **Hand Protection**

Wear gloves of impervious material such as butyl rubber, natural Latex, neoprene, PVC, and nitrile. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

#### **Body Protection**

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

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#### **Form**

Solid

#### **Appearance**

Solid block

#### **Colour**

Green

#### **Odour**

Fragrant

#### **Melting Point**

Not available

#### **Solubility in Water**

Miscible in all proportions

#### **Specific Gravity**

1.10 - 1.15

#### **pH**

9.0 - 10.0 (1% solution)

#### **Volatile Component**

<5% w/w

#### **Flash Point**

Not flammable

#### **Flammability**

Non combustible

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## **10. STABILITY AND REACTIVITY**

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#### **Chemical Stability**

Stable under normal conditions of storage and handling.

#### **Conditions to Avoid**

Avoid contact with heat or heat sources

#### **Incompatible materials**

Oxidising agents, strong acids, aluminium, lead, magnesium, iron and zinc.

#### **Hazardous Decomposition Products**

Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours. Oxygen - decomposition releases steam and heat.

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## **11. TOXICOLOGICAL INFORMATION**

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### **Toxicology Information**

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and product label. Symptoms or effects which may arrive if product is mishandled and overexposure occurs are:

#### **Ingestion**

No adverse effects expected, however large amounts may cause nausea and vomiting.

#### **Inhalation**

Breathing in dust may result in respiratory irritation - avoid handling processes that generate dust.

#### **Skin**

May cause skin irritation.

#### **Eye**

Causes serious eye damage, watering & redness.

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## **12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

No ecological data available for this material.

### **Persistence and degradability**

Individual components stated to be biodegradable.

### **Environmental Protection**

Prevent large amounts from entering waterways, drains and sewers.

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## **13. DISPOSAL CONSIDERATIONS**

### **Disposal considerations**

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

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## **14. TRANSPORT INFORMATION**

### **U.N. Number**

None Allocated

### **Transport hazard class(es)**

None Allocated

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## **15. REGULATORY INFORMATION**

### **Poisons Schedule**

Not Scheduled

### **Australia (AICS)**

All ingredients listed

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## **16. OTHER INFORMATION**

### **Date of preparation or last revision of SDS**

SDS created: October 2016

SUPERCEDES: Dec 2013

### **References**

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

#### **Uses and Restrictions**

BIO-GREEN PRO-TABS WITH PRO-ACTIVE BACTERIA are a new generation deodorant cleaning tab designed to clean and reduce odour problems associated with urinals. Added probiotic species of bacteria (beneficial non-pathogenic microorganisms) digest uric salts and sludge, eliminating the source of unpleasant odours rather than just masking them. No more blocked traps and pipes, non-toxic and harmless to the environment. Prepared from select ingredients that have been carefully chosen to maximize both ecological and operator safety.

#### **User Information**

BIO-GREEN PRO-TABS WITH PRO-ACTIVE BACTERIA are suitable for use in all types of urinals, stainless steel, porcelain and ceramic troughs. Use in washrooms and restrooms with a history of odour problems, cleaning or pipe blockage problems. Individually wrapped in water soluble film, there is no need to unwrap – simply dispense as is. Place one wrapped BIO-GREEN PRO-TAB in each urinal, or one every 50 cm in trough urinals. Replace when block has dissolved to maintain maximum efficiency.

#### **Other Information**

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

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## **END OF SDS**

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