



| SAFETY DATA SHEET | |
|--------------------------------|----------------------------|
| CUSTOM CHEMICALS INTERNATIONAL | Product: BIOGREEN PRO-TABS |
| Date of Issue: Dec 2013 | Page 1 of Total 6 |

SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|-------------------------------|--|-----------------------|-----------------------------|
| SUPPLIER: | Custom Chemicals International Pty Ltd | | |
| ADDRESS: | 103-107 Potassium Street, Narangba 4504 Queensland Australia | | |
| Trade Name: | BIOGREEN PRO-TABS | | |
| TELEPHONE: | +617 3204 8300 | FAX: | +617 3204 8311 |
| AHEMERGENCY TELEPHONE: | 13 1126 in Australia | ABN: | 73 050 537 674 |
| Substance: | Solid block | Product Use: | Deodorant block for urinals |
| Creation Date: | DEC 2013 | Revision Date: | DEC 2018 |
| Product Code: | | | |

SECTION 2 – HAZARDS IDENTIFICATION

- This product is **NOT classified as Hazardous** according to criteria of Safe Work Australia.
- This product is **NOT classified as Dangerous Goods** according to the Australian Dangerous Goods (ADG) Code.
- This product is **NOT classified as a Scheduled poison** according to the SUSMP.

Approved SAFE WORK

| | | | |
|-----------------------------|----------------|----------------------------|----------------|
| Classification | Not hazardous | ADG Classification | None allocated |
| UN Number | None allocated | ADG Subsidiary Risk | None allocated |
| Shipping Name | None allocated | Packing Group | None allocated |
| Hazchem Code | None allocated | | |
| SUSMP Classification | None allocated | | |

EMERGENCY OVERVIEW

| | | | |
|-----------------------------|-------------|------------------|----------|
| Colour | blue | Odour | fragrant |
| Physical Description | Solid block | Viscosity | Solid |
| Major Health Hazards | None known | | |

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from Safe Work Australia’s publication “Hazardous Substance Information System” or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication “Approved Criteria for Classifying Hazardous Substances”.

| Ingredients: | CAS Number: | Proportion: | Exposure Standards TWA | Exposure Standards STEL |
|---|-------------|-------------|------------------------|-------------------------|
| Bacteria culture | Proprietary | <10% w/w | not set | not set |
| Ingredients determined to be non-hazardous at the concentrations used | Various | >60% w/w | not set | not set |

The **TWA** exposure value is the Time Weighted Average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The **STEL** (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term “peak” is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

SECTION 4 – FIRST AID MEASURES

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| Scheduled Poisons | Poisons Information Centres in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766). |
| First Aid Facilities | Normal washroom facilities. |



SAFETY DATA SHEET

CUSTOM CHEMICALS INTERNATIONAL

Product: BIOGREEN PRO-TABS

Date of Issue: Dec 2013

Page 2 of Total 6

| | |
|--------------------------------------|---|
| Skin contact | Remove any contaminated clothing and dispose. Wash skin with copious amounts of water for at least 15 minutes. If irritation occurs seek medical attention. |
| Eye contact | Rinse with copious amounts of water for at least 15 minutes, holding eyes open. If irritation occurs seek medical attention. |
| Ingestion | Do not induce vomiting. Give 1 – 2 glasses of water and seek medical attention. Do not give anything by mouth to an unconscious person. |
| Inhalation | Remove from area of exposure and seek medical attention. |
| Advice to Doctor | Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centres in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. |
| Aggravated Medical Conditions | None known. |

SECTION 5 – FIRE FIGHTING MEASURES

| | |
|-----------------------------------|--|
| Fire and Explosion Hazards | Not combustible. Decomposes on burning emitting toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition. |
| Extinguishing Media | CO ₂ , Foam, Dry Powder, Water Fog/Spray. |
| Fire Fighting | Wear self contained breathing apparatus and fire kit. |
| Flash Point | None |

SECTION 6 – ACCIDENTAL RELEASE MEASURES

| | |
|-----------------------------|--|
| Emergency Procedures | No HAZCHEM code. |
| Occupational Release | 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. Keep any unnecessary personnel away from danger area. Wear the recommended PPE. Sweep up spilled product and place in an accredited container. Avoid raising dust. Dispose of as hazardous waste. Contain material by any means possible to prevent it entering drains or waterways. Contact relevant emergency services if necessary. |

SECTION 7 – HANDLING AND STORAGE

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| Handling | Wear the recommended PPE. Avoid skin and eye contact with cleaning chemicals. Avoid handling which leads to dust formation. Wash hands after contact. Follow good industrial hygiene practice. |
| Storage | Store in a cool, dry, place with good ventilation. Avoid storing in aluminium and light alloy containers. Store away from incompatible materials (Section 10). |

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

| | |
|-------------------------------|---|
| Exposure Limits | National Occupational Exposure Limits, as published by Safe Work Australia Time-weighted Average (TWA): None established for specific product. See SECTION 3 for Exposure Limits of individual ingredients. Short Term Exposure Limit (STEL): None established for specific product. See SECTION 3 for Exposure Limits of individual ingredients. |
| Biological Limit Value | None established for product. |
| Engineering Controls | No special requirements. |



SAFETY DATA SHEET

CUSTOM CHEMICALS INTERNATIONAL

Product: BIOGREEN PRO-TABS

Date of Issue: Dec 2013

Page 3 of Total 6

Personal Protective Equipment

This product is classified as a non-hazardous deodorant block. Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. The following protective equipment should be available;

Eye Protection



Generally not required to dispense wrapped blocks as per label directions. The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting, etc. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Skin Protection



Generally not required to dispense wrapped blocks as per label directions. Wear gloves to handle concentrated product. Protective clothing, apron, dust mask, work boots and elbow length gloves are recommended (as per AS/NZS 2161, or as recommended by supplier) to handle in quantity, cleaning up spills, decanting, etc.

Protective Material Types Respirator

Material suitable for detergent contact – Butyl rubber, Natural Latex, Neoprene, PVC, and Nitrile.

Not required for normal cleaning operations. Wear a dust mask if exposure to dust is prolonged.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|----------------------------------|---------------|---------------------------------------|-----------------------|
| Physical State | Solid | Colour | blue |
| Odour | fragrant | Specific Gravity | Not available |
| Boiling Point | Not available | Freezing Point | Not available |
| Vapour Pressure | Not available | Vapour Density | Not available |
| Flash Point | Not flammable | Flammable Limits | None |
| Water Solubility | miscible | pH | 9.0 – 10.0 @ 1% soln. |
| Volatile Organic Compounds (VOC) | 0% | Coefficient of Water/Oil Distribution | Not available |
| Viscosity | Solid | Odour Threshold | Not available |
| Evaporation Rate | Not available | Per Cent Volatile | Approx. 5% |

SECTION 10 – STABILITY AND REACTIVITY

| | |
|-------------------------|--|
| Chemical Stability | Stable at normal temperatures and pressure. |
| Conditions to Avoid | Avoid contact with heat or heat sources. |
| Incompatible Materials | Oxidizing agents, strong acids, aluminium , lead , magnesium , iron and zinc. |
| Hazardous Decomposition | Burning may generate - Oxides of carbon, oxides of sodium, sulfur oxide, sulfur dioxide. |
| Hazardous Reactions | None known. |



SAFETY DATA SHEET

CUSTOM CHEMICALS INTERNATIONAL

Product: BIOGREEN PRO-TABS

Date of Issue: Dec 2013

Page 4 of Total 6

SECTION 11 – TOXICOLOGICAL INFORMATION

PRODUCT MIXTURE INFORMATION

Local Effects Possible irritant: eye, skin, respiratory system & digestive tract.

Target Organs Eyes, skin, respiratory system

POTENTIAL HEALTH EFFECTS

BIOGREEN PRO-TABS are individually wrapped in water soluble film – no contact with the product is required to handle and dispense.

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

Ingestion

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

long term exposure No information available.

Skin contact

short term exposure Contact with skin may result in irritation.

long term exposure No information available.

Eye contact

short term exposure A possible eye irritant.

long term exposure No information available.

Inhalation

short term exposure Breathing in dust may result in respiratory irritation – avoid handling processes that would generate dust.

long term exposure No information available.

Carcinogen Status

Safe Work Australia No significant ingredient is classified as carcinogenic by Safe Work Australia.

NTP No significant ingredient is classified as carcinogenic by NTP.

IARC No significant ingredient is classified as carcinogenic by IARC.

Medical conditions

aggravated by exposure No information available.

Individual Ingredient Information

NOTE: This information relates to each individual ingredient, when evaluated as pure undiluted chemical. See SECTION 3 for actual proportions of ingredients present in this product.

CLASSIFICATION OF INDIVIDUAL INGREDIENTS

Ingredients

NON-HAZARDOUS INGREDIENTS TO 100%

R-Phrases.

None required

SECTION 12 – ECOLOGICAL INFORMATION

Fish toxicity None available for specific product. Not expected to be aqua-toxic.

Algae toxicity None available for specific product.

Invertebrates toxicity None available for specific product.

Toxicity to Bacteria None available for specific product.

OECD Biological degradation Individual components have been specifically included in this product because they are known to be readily biodegradable and of low toxicity to fish and other aquatic organisms.

General Product miscible in all proportions with water. As with any chemical product, do not discharge BULK quantities into drains, waterways, sewer or environment. Inform local authorities if this occurs.



SAFETY DATA SHEET

CUSTOM CHEMICALS INTERNATIONAL

Product: BIOGREEN PRO-TABS

Date of Issue: Dec 2013

Page 5 of Total 6

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal

To dispose of quantities of undiluted product, refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. As with any chemical, do not put down the drain in quantity. Small quantities (when used as directed) can generally be handled by conventional sewage systems, septic, and grey water systems. For larger scale use, a recycled water system is often recommended, or Trade Waste License obtained for disposal to sewer.

SECTION 14 – TRANSPORT INFORMATION

| | | | |
|-------------------------|----------------|----------------------------|----------------|
| UN Number | None allocated | ADG Classification | None allocated |
| Shipping Name | None allocated | ADG Subsidiary Risk | None allocated |
| Hazchem Code | None allocated | Packing Group | None allocated |
| Packaging Method | None allocated | Special Provisions | None allocated |
| Segregation | None allocated | | |

SECTION 15 – REGULATORY INFORMATION

| | |
|-------------------------|----------------------------------|
| AICS | All ingredients present on AICS. |
| Labeling Details | |
| HAZARD | Not hazardous |
| RISK PHRASES | None allocated |
| SAFETY PHRASES | None allocated |
| SUSMP | Not scheduled |
| ADG Code | None allocated |

SECTION 16 – OTHER INFORMATION

| | | |
|------------------------------|------------|---|
| Acronyms | SUSMP | Standard for the Uniform Scheduling of Medicines and Poisons. |
| | ADG Code | Australian Code for the Transport of Dangerous Goods by Road and Rail. |
| | CAS Number | Chemical Abstracts Service Registry Number. |
| | UN Number | United Nations Number. |
| | R-Phrases | Risk Phrases. |
| | HAZCHEM | An emergency action code of numbers and letters, which gives information to emergency services. |
| | NOHSC | National Occupational Health and Safety Commission. |
| | NTP | National Toxicology Program (USA). |
| | IARC | International Agency for Research on Cancer. |
| | AICS | Australian Inventory of Chemical Substances. |
| | TWA | Time Weighted Average |
| | STEL | Short Term Exposure Limit |
| Literature References | | Australian Code For The Transport Of Dangerous Goods By Road And Rail – Seventh Edition. Standard for the Uniform Scheduling of Medicines and Poisons 2011. National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)] Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)] Material Safety Data Sheets – individual raw materials – Suppliers. HSIS – Hazardous Substance Information System – National Worksafe Data Base. |
| Revision Information | | New Issue to standard: 2nd Edition [NOHSC:2011(2003)]. |



| SAFETY DATA SHEET | |
|--------------------------------|----------------------------|
| CUSTOM CHEMICALS INTERNATIONAL | Product: BIOGREEN PRO-TABS |
| Date of Issue: Dec 2013 | Page 6 of Total 6 |

Note

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

Contact Point

Regulatory Affairs Manager.

Telephone

(07) 3204 8300

Issue Date

Dec 2013

Supersedes Issue Date

1st issue

This SDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.