Bio Natural Solutions

Bio Blitz™ Urinal Blocks

Material Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Bio Blitz™ Urinal Blocks
Product Use	Microbial treatment to help remove and prevent uric scale build up on urinal surfaces and within urinal pipe work
Company Name	Bio Natural Solutions Pty Ltd 38 132 198 853
Address	Factory 15 49 – 55 Garden Drive Tullamarine Victoria 3043
Telephone	1300 730 551
Fax	1300 491 167
Emergency Telephone	0418 338877

2. HAZARDS IDENTIFICATION

Product has been classified as non hazardous according to the criteria of Worksafe Australia

Hazard Category:	Irritant (Xi)
Hazard Classification:	Non Hazardous, Non dangerous
Risk Phrases:	R36/38 Irritating to eyes and skin.
Safety Phrases:	S24/25 Avoid contact with skin and eyes.
Poison Schedule:	None allocated [Aust].
Warning Statement:	Irritant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance Name	Proportion	CAS Number
Glycerol	30 to 60%	56-81-5
Ethoxylated (C12-C14) Alcohols	10 to 30%	9002-92-0
Sodium Stearate	10 to 15%	68334-02-01

All other ingredients are not hazardous according to the EU Criteria.

4. FIRST AID MEASURES

Swallowed	If swallowed, DO NOT induce vomiting. Give 3 to 4 glasses of water to drink. If irritation persists transport to hospital or doctor.
Eye	If dust enters the eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. If irritation persists, transport to hospital or doctor.
Skin	If dust is falls onto the skin, remove any contaminated clothing and wash skin thoroughly with soap and water. If irritation persists transport to hospital or doctor.
Inhaled	Not applicable
First Aid Facilities	Eye wash fountain, safety shower and normal wash room facilities.
Advice to Doctor	May cause nausea. No toxic effect expected May cause irritation of the mouth and upper digestive tract. Treat symptomatically.

In case of poisoning, contact Poisons Information Centre:
In Australia call Tel: 131126
In New Zealand Tel: 034747000

5. FIRE FIGHTING MEASURES

Fire/Explosion Hazard	If safe to do so, move undamaged containers from fire area.
Fire Fighting Procedures	Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.
Extinguishing Media	Use extinguishing media suitable for surrounding fire situation.
Hazchem Code	None allocated [Aust]
Flammability	Material is non flammable, but involved in a fire could give off fumes of carbon dioxide, carbon monoxide and oxides of nitrogen. In the event of a fire, self contained breathing apparatus should be worn.

6. ACCIDENTAL RELEASE MEASURES

Wear suitable protective equipment. Ventilate area. If possible wet area down to prevent high dust levels. If available, use dustless methods, such as a HEPA vacuum and filter. Otherwise, use a non-sparking shovel and place into a suitably labeled container for later disposal. Do not dry sweep.

7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards	No exposure standards have been assigned by [NOHSC] for this product.
Gloves	PVC or natural rubber. Impervious gloves
Eyes	Chemical goggles or face shield
Respiratory Protection	Does not apply as not harmful
Ventilation	Not applicable
Exposure Limits	Not applicable as not harmful

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid Green Cube
Odour	
pH	
Boiling Point	>100D Centigrade / 60D Centigrade
Vapour Pressure	Not applicable
Specific Gravity	Not applicable
Flash Point	Not applicable
Flammability Limits	Not applicable
Solubility in Water	Slow dissolving

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions of use.
Hazardous Decomposition Products	Decomposes on heating emitting soot, smoke and decomposition products.
Hazardous Polymerization	Will not occur.
Incompatibilities	Strong acids, alkalis and oxidizing agents.
Conditions to Avoid	Incompatibles.

11. TOXICOLOGICAL INFORMATION

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

ACUTE HEALTH EFFECTS

Swallowed	May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.
Eye	May cause irritation to the eyes, with effects including tearing, pain, stinging and blurred vision.
Skin	May cause irritation to the skin especially if prolonged exposure is likely
Inhaled	Not applicable
Chronic	No chronic effects known
Toxicological Data	There is no other toxicological information available for this product.

12. ECOLOGICAL INFORMATION

There is no ecological information available for this product.

13. DISPOSAL CONSIDERSATION

Contact the Land Waste Management Authority in your state

14. TRANSPORT INFORMATION

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 6th Edition. Not classified as a Dangerous Good according to the UN, DOT(US), ICAO(IATA) or IMO(IMDG).

15. REGULATORY INFORMATION

Product has been classified as non hazardous according to the criteria of Worksafe Australia.

16. OTHER INFORMATION

This MSDS summarises our best knowledge of the health and safety hazard information available on the product and the measures to be used to handle and use the product safely. Each user should read this MSDS and consider the information in connection with the way the product is intended to be handled or used.

END MSDS