

# WATER SAVING URINAL PUCK

## Material Safety Data Sheet



### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name</b>	Greenheart™ Water Saving Urinal Puck
<b>Recommended Use</b>	For use in urinals
<b>Supplier</b>	Envirocare Systems Pty Ltd
<b>ABN</b>	ABN 68 108 585 495
<b>Street Address</b>	Unit 3, 5 Carney Road Welshpool Western Australia 6106
<b>Telephone</b>	(08) 9451 1165
<b>Facsimile</b>	(08) 9451 1209
<b>Emergency Telephone</b>	(08) 9451 1165 (9.00am to 5.00pm) 0419 880 336

### 2. HAZARDS IDENTIFICATION

<b>Classification</b>	Bacterial culture non pathogenic
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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components not listed are either non hazardous or in concentration of less than 1%

Cocamide MEA	CAS	68140-00-1
Perfume Blend	CAS	n/a
Magnesium Stearate	CAS	557-04-0
Viable Bacteria Culture	CAS	n/a
Sodium Sulphate	CAS	7757-82-6
Calsoft F-90	CAS	68081-81-2

<b>Hazardous ingredient/impurity</b>	<b>%Conc</b>	<b>Classification</b>	<b>Exposure</b>	<b>CAS</b>	<b>EINECS</b>
None					

### 4. FIRST AID MEASURES

Poison Information Centres in each State capital city can provide additional assistance for scheduled poisons. Ring 13 11 26. May cause irritation to the eyes, skin and if ingested.

Exposure	Symptom	Treatment
Inhalation	No irritation	No treatment needed
Skin Contact	May cause irritation	Wash skin with soap and water after contact. If irritation persists seek medical attention
Eye Contact	Causes irritation	Irrigate thoroughly with water for at least 20-30 minutes. Obtain medical attention.
Ingestion	Irritation of gastrointestinal tract, nausea, diarrhoea	Wash out mouth with water. Do not induce vomiting. If patient is conscious, give several glasses of water to drink. If patient feels unwell seek medical attention.
<b>Notes to physician</b>	Symptomatic treatment	
<b>Delayed effects</b>	Not known	

### 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishers</b>	Dry chemicals, CO2, water spray, or foam
<b>Unsuitable extinguishers</b>	Do not spray a solid stream of water or foam on hot burning liquid, may cause frothing and increase fire intensity.
<b>Hazardous combustion products</b>	Burns to produce oxides of carbon and nitrogen
<b>Special equipment of fire fighting</b>	Self contained breathing apparatus

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Wear appropriate PPE – See section 8
<b>Environmental Precautions</b>	N/A
<b>Clean Up Procedure</b>	Pick up material and place in its original container

### 7. HANDLING AND STORAGE

<b>HANDLING</b>	
<b>Ventilation</b>	General ventilation
<b>STORAGE</b>	
<b>Temperature Range</b>	0°C to 40°C for product viability only
<b>Keep away from</b>	See section 10
<b>Suitable storage media</b>	Original container with closed lid
<b>Precautions against static discharge</b>	Recommended

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE STANDARDS:

<b>Component</b>	<b>LTEL (8hTWA)</b>	<b>STEL(15mins)</b>	<b>Type</b>
None			

<b>PERSONAL PROTECTIVE EQUIPMENT:</b>	
<b>Respiratory</b>	Mask (under normal use should not be necessary)
<b>Hand</b>	Wash hands after use. Gloves recommended
<b>Eye</b>	Safety glasses or goggles recommended. (under normal use should not be necessary)
<b>Skin</b>	Wash after exposure. Full suit, boots, face shield is recommended under exceptional circumstances such as fire, or for prolonged contact with bulk quantities (under normal use should not be necessary)
<b>Environmental controls</b>	Users should be aware of environmental considerations and their duties under the environmental protection act.
<b>Hygiene Measures</b>	Always wash thoroughly after handling chemicals

# WATER SAVING URINAL PUCK

## Material Safety Data Sheet (continued)



### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid block, blue
Odour	Citrus
pH	N/A
Boiling point/range	N/A
Melting point/range	51 degrees C – 53 degrees C
Flash point	Not known
Flammability	Not flammable
Auto ignition temperature	Not applicable
Explosive limits	Not known
Oxidizing properties	Not known
Vapour Pressure	Not applicable
Relative density	Not known
Solubility in water	Dissolves
Solubility in solvent	Not known
Partition coefficient	Not applicable
Viscosity	Not applicable
Vapour density	Not applicable
Evaporation rate	Not applicable
Conductivity	Not applicable

### 10. STABILITY AND REACTIVITY

Stability	Stable under normal storage and handling conditions
Conditions to avoid	None known
Materials to avoid	Aluminium may react with oxidizing agents such as hydrogen peroxide and sodium hypochlorite.
Hazardous decomposition products	Thermal decomposition may produce carbon monoxide, carbon dioxide, ammonia, and oxides of nitrogen. When heated to 1100°C it may emit toxic oxides of sulphur and sodium oxide.

### 11. TOXICOLOGICAL INFORMATION

Low Acute oral toxicity although ingestion will cause irritation of the gastrointestinal tract and may result in nausea and diarrhoea. May cause mild mechanical irritation to eyes, skin and mucous membranes. May cause irritation from allergic reaction, especially to people that have a history of allergic reaction.

LD <sub>50</sub>	Greater than 2000mg/kg	oral: rat	skin: rabbit
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### 12. ECOLOGICAL INFORMATION

Environmental Effects	Minimal impact under normal conditions of use and storage. The bacterial cultures are naturally occurring soil type organisms.
Mobility	Disperses in water
Degradability	Biodegradable
Bioaccumulative potential	Not known
Aquatic Toxicity	Not known

### 13. DISPOSAL CONSIDERATIONS

Substance	Via an authorised waste disposal contractor to an approved waste disposal site, observing all local and national regulations
Container	As substance

### 14. TRANSPORT INFORMATION

Not regulated for transport	
UN number	Class
Primary Hazard	Subsidiary Hazard
Packing Group	Emergency Action Code
H.I. Number	Marine Pollutant
Proper Shipping name	Water treatment compounds, bacterial culture

### 15. REGULATORY INFORMATION

Label Name	Greenheart Water Saving Urinal Pucks
Symbols	no risk or safety phrases stipulated
Risk Phrases	no risk or safety phrases stipulated
Safety Phrases	no risk or safety phrases stipulated
Additional labeling	n/a

#### Use of this material may be governed by the following regulations:

Users are advised to consult these regulations for further information.

The information contained in this data sheet does not constitute an assessment of workplace risks.

### 16. OTHER INFORMATION

This material must not be used for direct contact with food.

Other	The product has been shown to be free of Salmonella and Shigella using the procedures outlined by AOAC and USDA.
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