



## SAFETY DATA SHEET


Bio Clear tablets

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

<b>1.1 Product Name</b>	Biological Urinal & Channel Blocks				
<b>1.2 Other Names</b>					
<b>SDS No</b>	C2/464b	<b>Rev Date:</b>	1 <sup>st</sup> June 2015	<b>Rev No:</b>	1
<b>1.3 Application</b>	<b>Washroom</b>				
<b>1.4 Supplier</b>	Paragon Products UK Ltd Newhailes Industrial Estate, Musselburgh East Lothian, United Kingdom. EH21 6SY <b>Tel:</b> +44 (0) 131 653 2222. <b>Fax:</b> +44 (0) 131 653 2272 <b>E: Mail.</b> sales@paragongroup.co.uk				
<b>1.5 Emergency Contact Number</b>	0131 653 2222				



### SECTION 2. HAZARD IDENTIFICATION

#### Classification (1999/45/EEC)

<b>2.1 Classification</b>	Irritant
<b>2.2 Labelling</b>	 <b>IRRITANT</b>
<b>Risk Statements</b>	R41 R36/38
<b>2.3 Other Hazards</b>	None.

#### Classification (EC1272/2008)

<b>2.1 Signal Word</b>	Danger
<b>2.1 Classification</b>	Physical: Not classified Health: Eye Dam. 1- H318; Skin irrit. 2- H315 Environmental Not classified
<b>Hazard Statements</b>	H315 Causes skin irritation H318 Causes serious eye damage
<b>Precautionary Statements</b>	P264 – Wash hands thoroughly after handling P280 – Wear protective gloves, protective clothing, eye protection, face protection. P302+P352 – IF ON SKIN: Wash with soap and water P305+351+338 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing P332+313 – If skin irritation occurs: Get medical advice / attention P362 – Take off contaminated clothing and wash before reuse P337+P313 – If eye irritation persists: Get medical advice / attention

<b>2.2 Labelling</b>						
	GHS05	GHS07				
<b>2.3 Other Hazards</b>	EUH 208 – Contains enzymes. May produce an allergic reaction.					

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

## 3.2 Mixture

Product	EC (EINECS No.)	CAS-No.	%
Sodium Dodecyl Benzene Sulphonate 80%	246-680-4	25155-30-0	15-30
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Physical: Not Classified. Health: Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Irrit. 2: H315. Environmental: Not Classified.		Xn; R22 Xi; R38, R41	
Product	EC (EINECS No.)	CAS-No.	%
Parfum	N/a	N/a	<1%
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Physical: Flam Lqd 3: H226 Health: Skin Sen. 1: H317; Asp 1: H304 Environmental: Aquatic chronic 2: H411.		Xn; R43, R65 N; R51/53	
Product	EC (EINECS No.)	CAS-No.	%
Subtilisin	232-752-2	9014-01-1	<1%
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Physical: Not Classified. Health: Skin Irrit. 2 – H315, Eye Dam. 1 – H318, Resp. Sens. 1 – H334, STOT SE 3 – H335 Environmental: Not Classified.		R42 Xi; R37/38, R41	
Product	EC (EINECS No.)	CAS-No.	%
Lipase	232-619-9	9001-62-1	<1%
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Physical: Not Classified. Health: Resp. Sens. 1 – H334 Environmental: Not Classified.		R42	
Product	EC (EINECS No.)	CAS-No.	%
Amylase	232-565-6	9000-90-2	<1%
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Physical: Not Classified. Health: Resp. Sens. 1 – H334 Environmental: Not Classified.		R42	

For the full text of the R-phrases mentioned in this section, see section 16.

For the full text of the H-statements mentioned in this section, see section 16.

## SECTION 4. FIRST-AID MEASURES

## 4.1 Description of First Aid Measures

Inhalation	Move exposed person to fresh air. Get medical attention
Ingestion	Get medical advice, Do Not Induce Vomiting! Immediately rinse mouth and drink plenty of water
Skin Contact	Remove contaminated clothing and wash with soap and water. Get medical attention if irritation persists
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove contact lenses if safe and easy to do so, open eyes wide apart. Get medical attention immediately. Continue to rinse.

<u>4.2 Most Important Symptoms and effects, both acute and delayed</u>	
General Information	Symptoms described are dependent upon the concentration and exposure time
Inhalation	Possible irritation of throat, nose & airway
Ingestion	Irritation to throat mouth and stomach
Skin Contact	Irritation, possible chemical burns to skin
Eye Contact	Possible serious eye damage
<u>4.3 Indication of immediate medical attention and special treatment needed if necessary</u>	
	None noted

#### SECTION 5. FIRE-FIGHTING MEASURES

<u>5.1 Suitable Extinguishing Media Use:</u>	
The preparation is not readily flammable, use fire-extinguishing media suitable for surrounding materials	
<u>5.2 Specific Hazard arising from the chemical</u>	
When heated in the case of fire, harmful or toxic gases may be produced	
<u>5.3 Special protective actions for fire fighters</u>	
Self contained breathing apparatus and full protective clothing must be worn	

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

<u>6.1 Personal Precautions, protective equipment and emergency procedures</u>	
a. The wearing of suitable protective equipment (including personal protective equipment, see section 8 of this SDS) to prevent any contamination of skin, eyes and personal clothing.	
b. Follow precautions for safe handling described in section 7 of this SDS.	
<u>6.2 Environmental Precautions</u>	
Spillages of uncontrolled discharges into watercourses must be Immediately alerted to the Environmental Agency or other appropriate regulatory body, without endangering individuals every effort should be made to prevent entrance to drains.	
<u>6.3 Methods and material for containment and clean up</u>	
Drains should be Bunded or capped to prevent entrance or damage. Ventilate well. Dilute with copious amounts of water. Collect with absorbent, non-combustible material into suitable containers. Flush area with plenty of water.	

#### SECTION 7. HANDLING AND STORAGE

<u>7.1 Precautions for safe handling</u>	
Avoid Spilling, skin and eye contact. Do Not Smoke In Work Area! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using, do not eat, drink or smoke.	
<u>7.2 Conditions for safe Storage, including incompatibilities</u>	
Keep in original containers. Do not allow product to freeze, avoid extreme temperatures	
<u>7.3 Specific end use(s)</u>	
The identified use for this product is detailed in section 1.2.	

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

<u>8.1 Control parameters</u>	
<u>8.2 Appropriate engineering controls</u>	
Provide adequate ventilation	
<u>8.3 Individual protection measures, such as personal protective equipment (PPE)</u>	
<b>Respiratory Equipment</b>	If ventilation is in sufficient, suitable respiratory protection must be provided.
<b>Hand Protection</b>	PVC gloves are recommended.
<b>Eye Protection</b>	Wear approved safety goggles.
<b>Other Protection</b>	Wear protective clothing to prevent skin contact.

## Protective Equipment



## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

<b>This Product is a</b>	Mixture		
<b>Appearance</b>	Extruded mixture in the shape of a cylinder		
<b>Colour</b>	Yellow or Blue		
<b>Odour</b>	Citrus		
<b>Solubility</b>	Soluble in water		
<b>pH value</b>	7-8	<b>Boiling Point (°C)</b>	N/a
<b>Relative Density</b>	1.1 – 1.2	<b>Vapor Pressure</b>	N/a

## 9.2 Other information

## SECTION 10. STABILITY AND REACTIVITY

## 10.1 Reactivity

None known

## 10.2 Chemical stability

Stable under normal conditions and use.

## 10.3 Possibility of hazardous reactions

None known

## 10.4 Conditions to avoid

Avoid excessive heat for prolonged periods of time. Do Not allow to freeze

## 10.5 Incompatible materials

None Noted

## 10.6 Hazardous decomposition products

In combustion emits toxic fumes

## SECTION 11. TOXICOLOGICAL INFORMATION

## 11.1 Information on toxicological effects

Toxicological information

We have not carried out any animal testing; therefore we have no toxicological data specifically for this product. The toxicological data, where provided by the raw material manufacture, can be made available on request.

## SECTION 12. ECOLOGICAL INFORMATION

## 12.1 Toxicity

We have not carried out any Aquatic testing; therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity data, where provided by the raw material manufacturer for the ingredients with aquatic toxicity can be provided on request

## 12.2 Persistence and degradability

Degradability: the surfactants used in this preparation are designed for disposal via normal foul water disposal methods

## 12.3 Bioaccumulative potential

This preparation does not contain any substance that is expected to be bioaccumulating

## 12.4 Mobility in soil

Soluble in water

## 12.5 Results of PBT and vPvB

This preparation does not contain and PBT or vPvB substances

## 12.6 Other adverse effects

Not Known

## SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

The preparation is designed for disposal via foul drain after use. Large volumes to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local waste disposal authority. Clean used container and recycle.

## SECTION 14. TRANSPORT INFORMATION

This product is not classified as hazardous for transport, as per IATA, ADR & IMDG.

## SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific to the substance or mixture

Guidance notes: Workplace Exposure Limits EH40

EU Legislation: Safety Data sheets prepared in accordance with REACH Commission Regulation (EU) No 453/2010 and CHIP Directive 1999/45/EEC Classification, Packaging & Labelling of dangerous preparations. Ingredients are listed with classification under both CHIP – Directive 67/548/EEC and GHS / CLP – Regulation (EC) No 1272/2008 classification, ADR 2013

15.2 Chemical Safety Assessment

Not applicable this product is a mixture

## SECTION 16. OTHER INFORMATION

REV. No. REPL. SDS	1/0
Generated	2 <sup>nd</sup> June 2015
SDS No.	C2/464b
SDS Status	ok
Approved	2 <sup>nd</sup> June 2015
Notes	This information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of the company's knowledge and belief, accurate and reliable as of date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.
Risk phrases in full	R36/38 – Irritation to eyes and skin R37 – Irritating to respiratory system R41 – Risk of serious eye damage R42 – May cause sensitisation by inhalation R43 – May cause sensitization by skin contact R51/53 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment R65 – Harmful: may cause lung damage if swallowed
Hazard statements in full	H226 – Flammable liquid and vapour H302 – Harmful if swallowed H304 – May be Fatal if swallowed and enters airways H315 – Causes skin irritation H317 – May cause an allergic skin reaction H318 – Causes serious eye damage H334 – May cause or allergy or asthma systems or breathing difficulties if inhaled H335 – May cause respiratory irritation H411 – Toxic to aquatic life with long lasting effects
Supplementary P- Statements	P264 – Wash hands thoroughly after handling P280 – Wear protective gloves, protective clothing, eye protection, face protection. P302+P352 – IF ON SKIN: Wash with soap and water P305+351+338 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing P332+313 – If skin irritation occurs: Get medical advice / attention P362 – Take off contaminated clothing and wash before reuse P337+P313 – If eye irritation persists: Get medical advice / attention
EUH Statements	EUH 208 – Contains enzymes. May produce an allergic reaction.
<b>END of SDS</b>	