PRODUCT USE GUIDE FOR

CLEENZYME ENZYME TOILET BLOCKS J22

Product Description

An active biological urinal deodorizer and freshener scented with lemon.

Product Features

- Friendly bacteria break down the malodours often encountered in lavatories.
- Each block combines both chemical cleaning agents with a safe biological activity to remove the solids that cause blockages and washroom odours.
- Additional benefits include reducing the water flush frequency and typically 100,000 litres of water can easily be saved by just flushing between four and six times every 24 hours.

Direction for Use

- Add a handful or two to urinals.
- Replenish as required.
- Wash hands after contact or wear gloves.
- Do not use other cleaners with this product.

Storage

- Store in cool conditions away from direct sources of heat
- Avoid extremes of temperature
- Do not allow to freeze
- Ensure the cap is tightly fitted after use
- Keep out of reach of children

Shelf Life

- Shelf life 24 months, if stored as recommended.
- Use within 6 months of opening.

Environmental

- Do not allow to enter surface waterways as serious ecological damage may be caused.
- In the event of a large spillage, contact the local water authority or Environment Agency immediately.
- None of the components of this product are animal derived.

Cleenol Group Ltd
Beaumont Road, Banbury, Oxon, OX16 1RB. UK.
Tel: +44 (0) 1295 251721 Fax: +44 (0) 1295 269561
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www.cleenol.co.uk

JH/SMW/ES

Certificate No. 316
Certificate No. E3539

PRODUCT USE GUIDE FOR

CLEENZYME ENZYME TOILET BLOCKS

J22

For further information please scan your QR Smart Reader here

Code Nos.

08290T 1.1K

Data Sheet No. J22

Note: This product is only to be used for the purpose for which it was intended and in accordance with the specified instructions. This product should never be mixed with other chemical products and should be handled with care and stored carefully out of reach of children.

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SAFETY DATA SHEET – CLEENZYME ENZYME TOILET BLOCKS 1.1KG

DATE 24.8.17 REVISION 4
SUPERCEDES 12.3.15

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name — Cleenzyme Enzyme Toilet Blocks

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use(s) — Biological urinal and channel block.

1.3 Details of the supplier of the safety data sheet

Company Identification — Cleenol Group Ltd
Neville House, Beaumont Rd, Banbury Oxon OX16 1RB
Tel: 01295 251721
FAX: 01295 269561
E Mail: sales@cleenol.co.uk

1.4 Emergency telephone number

Emergency contact number 01295 251721 (9am to 5pm Monday to Friday excluding bank holidays). Ask for Technical Department quoting the product name. Outside of these hours please contact your doctor or local hospital accident and emergency department or the NHS enquiry service (dial 111) quoting product name and present this MSDS advising them that the product is registered with the National Poisons Information Service.

HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Eye Dam.1 - H318 Causes serious eye damage
Skin irritation Cat.2 - H315 Causes skin irritation
Classification according to Regulation (EC) No 1272/2008 (CLP)

2.1 Regulation (EC) No. 1272/2008 (CLP)

2.1 Directive 67/548/EEC & Directive 1999/45/EC

Classification according to Directive 1999/45/EC
Xi, R38, R41

2.2 Label elements

2.2.1 Label elements
GHS Product Identifier

According to Regulation (EC) No 1272/2008 (CLP)

Hazard pictogram(s) Reach



Signal word(s) Reach

Danger

Hazard statement(s)

H318 Causes serious eye damage
H315 Causes skin irritation

Precautionary statement(s)

P102 Keep out of reach of children
P280 Wear protective gloves
P301+P312 IF SWALLOWED: call a POISON CENTRE or doctor/physician if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Hazardous Ingredient(s):	EINECS No	CAS NUMBER	%W/W	REACH according to Directive 67/548/EEC	CLP according to Regulation EC/1272/2008
Benzenesulphonic acid mono C10-C13 Alkyl Derivs Sodium salts		68411-30-3	15-25	Xn; R22, 38, 41	Acute tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aqua chron. 3; H412
Perfume (Reportable ingredients as below)		Mixture	1-5	20/21/22-38-43,R51/	Acute tox. orl 4; H302 Acute tox.derm 4; H312 Aqua chron. 2; H411
6-Octenal, 3,7, dimethyl-	203-376-6	106-23-0	<0.1	Xi; R38-43	Sens. Skin cat 1; H317
2,6-Octadien-1-ol, 3,7 dimethyl	203-377-1	106-24-1	<0.1	Xi; R41-43	Sens. Skin cat 1; H317
2,6-Octadien-1-al, 3,7 dimethyl	226-394-6	5392-40-5	<0.1	Xi; R38-43	Sens. Skin cat 1; H317
Limonene		5989-27-5	<0.1	N; R10-38-43-65, R5	Flam. Liq. Cat 3; H226 Sens. Skin cat 1; H317
Non Hazardous Ingredient(s):	**EINECS No**	**CAS NUMBER**	**%W/W**	**SYMBOL**	**RISK PHRASES**
Sodium chloride		7647-14-5	>30		
Bacteria species (non pathogen)			<5	Minimum bacteria	count of 1.0 x 10^8 cfu/g

4 FIRST AID MEASURES

4.1 Description of first aid measures (Symptoms)

Inhalation	With normal use should not present a hazard
Skin Contact	May cause irritation and an allergic reaction
Eye Contact	May cause slight irritation
Ingestion	May cause irritation to the mouth, throat and digestive tract
Additional Information	Symptomatic treatment

4.2 Description of first aid measures (Actions)

Inhalation	If affected, remove to fresh air, keep warm and at rest. Obtain medical attention in severe cases.
Skin Contact	Wash skin with soap and water. In severe cases obtain medical help.
Eye Contact	In case of contact, rinse immediately with plenty of water for at least 10-15 minutes. Obtain medical attention if irritation persists
Ingestion:	Do not give anything by mouth to an unconscious person. Wash out mouth with water and give copious amounts of water to drink. Do not induce vomiting. Obtain medical advice if patient unwell.
Additional Information	Always launder contaminated clothing before re-use

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media — Product not flammable. Water spray,foam,dry powder or CO_2 for surrounding fires

5.2 Special hazards arising from the Substance or mixture

Exposure hazards — In combustion emits toxic fumes

5.3 Advice for fire-fighters Special protective equipment for fire fighters — Full protective equipment including self-contained respiratory protection

6 ACCIDENTAL RELEASE MEASURES

6.1	**Personal precautions, protective equipment and emergency procedures**	Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS
6.2	**Environmental precautions**	Do not discharge into drains or rivers. Contain the spillage using bunding.
6.3	**Methods and material for containment and cleaning up**	Wearing gloves pick up blocks and return to tub.
6.4	**Reference to other sections**	
6.5	**Additional Information**	Spillages will prove slippery if product gets wet

7 HANDLING AND STORAGE

7.1	**Precautions for safe handling**	Avoid eye contact and prolonged skin contact
7.2	**Conditions for safe storage, including any incompatibilities**	Keep in original containers
7.3	**Suitable packagine**	
7.3	**Specific end use(s)**	Keep tightly closed when not in use Do not store below 5ºC or above 30ºC

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Hazardous Ingredients — NO OCCUPATIONAL LIMIT ASSIGNED

Workplace exposure limits			Respirable dust	
State	**8 hour TWA**	**15 min STEL**	**8 hour TWA**	**15 min Stel**

8.2 Exposure Controls

Engineering measures

Respiratory Protection	Not necessary under normal usage
Hand Protection	Wear protective gloves (Butyl rubber or Polyvinyl chloride)
Eye Protection	Wear safety goggles
Skin Protection	Wear suitable protective overalls

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on the basic physical and chemical properties

Form:	Solid (Blocks)
Odour:	Citrus
Colour:	Blue
Viscosity:	Not Applicable
pH (Value):	8 Typical (1% Solution)
Density (g/ml):	Not Applicable
Boiling Point:	Not Applicable
Flash Point:	Not Applicable
Melting Point:	Not Applicable
Pour Point (Deg C):	Not Applicable
Auto Ignition Temp.	Not Applicable
Vapour Pressures:	Not Applicable
Solubility (water):	Dissolves
Solubility (other):	Not Applicable
Partition Coefficient:	Not Applicable
Flammable Limits:	Not Applicable
Oxidising Props.	Not Applicable

9.2 Other information

10 STABILITY AND REACTIVITY

10.1 Reactivity	Not expected to be reactive.
10.2 Chemical Stability	Stable under normal conditions
10.3 Possibility of hazardous reactions	No polymerisation reaction expected
10.4 Conditions to avoid	Extremes of temperature and moisture
10.5 Incompatible materials	Disinfectants
10.6 Hazardous decompostion products	Burning produces Oxides of Carbon

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicity values

Route	Species	Test	Value	Units

Relevant effects for mixture

Effect	Route	Basis

11.2 Symptoms / Routes of exposure

Skin contact	May cause slight/mild irritation to sensitive skin with prolonged contact. May produce an allergic reaction.
Eye Contact	May cause mild irritation
Ingestion	May cause irritation to the mouth, throat and digestive tract. May also Cause nausea.
Inhalation	Under normal use should not present a hazard

12 ECOLOGICAL INFORMATION

12.1 Toxicity

Eco Toxicity values

Species	Test	Value	Units

12.2 Persistence and degradability The surfactant(s) used in this preparation comply(ies) with the biodegradable criteria as laid down in Regulation (EC) No 648/2004 on detergents.
Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at the direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential No bioaccumulation potential.

12.4 Mobility in soil Readily absorbed into soil

12.5 Results of PBT and vPvB assessment Does not contain PBT or vPvB substances.

12.6 Other Adverse Effects Negligible ecotoxicity.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal operations	Dispose of in accordance with Local Authority Guidelines and Regulations
Disposal of packaging	Dispose of in accordance with Local Authority Guidelines and Regulations

NB: The users attention is drawn to the possible existance of regional or national regulations regarding disposal

14 TRANSPORT INFORMATION

14.1 UN Number Not regulated for transport

14.2 UN Proper shipping name

14.3 Transport hazard class(es)

ARD/RID	**:**	**Class**
IMDG	**:**	**Proper shipping name**
IATA	**:**	**Proper shipping name**

14.4 Packing Group

14.5 Environmental hazards

Environmental hazardous	No
Marine pollutant	No

14.6 Special precautions for user

15 REGULATORY INFORMATION

This preparation was classified in compliance with the following directions and regulations

Regulation (EC) No 1907/2006 (REACH) and amendments thereof up to and including Regulation (EU) No 453/2010. Regulation (EC) No 1272 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.

None of the constituent ingredients are listed on the candidatate list of Substances of Very High Concern for Authorization in accordance with Article 59(10) of the REACH Regulation.

other provisions The regulatory information given above only indicates the principal regulations specifically applicable to the product described in this safety data sheet. The user`s attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

15 REGULATORY INFORMATION (continued)

15.2 chemical safety assesment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16 OTHER INFORMATION

16.1 Phrases used in Sections 2 and 3

Hazard Statements

H226 Flammable liquid and vapour - Cat.3
H332/312/302 Harmful if inhaled, in contact with skin & if swallowed
H302 Harmful if swallowed
H315 Causes skin irritation
H318 Causes serious eye damage
H317 May cause an allergic skin reaction
H401 Toxic to aquatic life - Cat.2
H305 May be fatal if swallowed and enters airways - Cat.2
H412 Harmful to aquatic life with long lasting effects

16.2 Other information

Contains: Perfume ingredients - Citral, Citronellol, Geraniol, Limonene.
May cause an allergic reaction.
Anionic surfactants 15-<30%

Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.
It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements & local regulations
This company shall not be held liable for any damage resulting from handling or from contact with the above product.