



SAFETY DATA SHEET

Parozone In-Cistern Bleach Block

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

1.1. Product identifier

Product name	Parozone In-Cistern Bleach Block
Product No.	506650
Internal Id	P037 - 00011704 (3-22/10/2013)
Container size	50g

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

Identified uses	Toilet Bowl cleaning, foaming and freshening.
Uses advised against	Avoid contact with acids.

1.3. Details of the supplier of the safety data sheet

Supplier	Jeyes Ltd Brunel Way Thetford Norfolk IP24 1HF UK +44 1842 757575 Contact: Rowland Furse / Simon Burt Email: contact@jeyes.com
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1.4. Emergency telephone number

+44 1842 757575

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Acute Tox. 4 - H302; Skin Irrit. 2 - H315; Eye Irrit. 2 - H319
Environment	Aquatic Chronic 2 - H411

Classification (1999/45/EEC)

Xn;R22. Xi;R36/38. N;R51/53.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

Harmful if swallowed. Causes skin irritation. Causes serious eye irritation.

Environment

Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



Signal Word

Warning

Hazard Statements

H302

Harmful if swallowed.

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H315	Causes skin irritation.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

Precautionary Statements

P102	Keep out of reach of children.
P101	If medical advice is needed, have product container or label at hand.
P264	Wash contaminated skin thoroughly after handling.
P302+352	IF ON SKIN: Wash with plenty of 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. Continue rinsing.
P301+330+331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Supplemental label information

EUH206	Warning! Do not use together with other products. May release dangerous gases (chlorine).
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2.3. Other hazards

Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Sodium alkylarylsulphonate (CAS 25155-30-0) (CESIO)		30-60%
CAS-No.: 25155-30-0		EC No.: 246-680-4
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Acute Tox. 4 - H302	Xn;R22.	
Skin Irrit. 2 - H315	Xi;R38,R41.	
Eye Dam. 1 - H318		
Sodium dichloroisocyanurate, dihydrate		10-30%
CAS-No.: 51580-86-0		EC No.: 220-767-7
Classification (EC 1272/2008)	Classification (67/548/EEC)	
EUH031	Xn;R22	
Acute Tox. 4 - H302	Xi;R36/37	
Eye Irrit. 2 - H319	R31	
STOT SE 3 - H335	N;R50/53	
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Not relevant

Ingestion

Immediately rinse mouth and provide fresh air. Do not induce vomiting. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Consult a physician for specific advice.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation

No specific symptoms noted.

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Ingestion

Harmful if swallowed.

Skin contact

Skin irritation.

Eye contact

Irritating and may cause redness and pain.

4.3. Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Unusual Fire & Explosion Hazards

None known.

Specific hazards

The product is non-combustible. If heated, toxic vapours may be formed. Chlorine.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. For personal protection, see section 8.

6.2. Environmental precautions

Collect and dispose of spillage as indicated in section 13.

6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Collect spillage with shovel, broom or the like and reuse, if possible. Prevent discharge of larger quantity to drain. For waste disposal, see section 13.

6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read label before use.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and animal feeding stuffs. Store in closed original container at temperatures between 5°C and 25°C. Store away from: Acids.

Storage Class

Lagerklasse 13

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

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Ingredient Comments

No exposure limits noted for ingredient(s).

8.2. Exposure controls

Hand protection

For prolonged or repeated skin contact use suitable protective gloves. Rubber gloves are recommended.

Eye protection

Not relevant, due to the form of the product.

Hygiene measures

Wash hands after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Solid
Colour	White.
Odour	Slight odour. Chlorine.
Solubility	Soluble in water. (slowly)
Initial boiling point and boiling range (°C)	Not applicable.
Melting point (°C)	Not applicable.
Relative density	Not determined.
Vapour density (air=1)	Not applicable.
Vapour pressure	Not applicable.
Evaporation rate	Not applicable.
pH-Value, Diluted Solution	Not applicable.
Viscosity	Not available.
Decomposition temperature (°C)	Not applicable.
Odour Threshold, Lower	Not applicable.
Odour Threshold, Upper	Not applicable.
Flash point (°C)	Not applicable.
Auto Ignition Temperature (°C)	Not applicable.
Flammability Limit - Lower(%)	Not applicable.
Flammability Limit - Upper(%)	Not applicable.
Partition Coefficient (N-Octanol/Water)	Not applicable.
Explosive properties	Not applicable.
Other Flammability	Not applicable.
Oxidising properties	Not applicable.

9.2. Other information

Not available.

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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Generates toxic gas in contact with acid. Chlorine.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Generates toxic gas in contact with acid. Chlorine.

10.4. Conditions to avoid

Avoid contact with acids. Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials To Avoid

Acids.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Chlorine.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Ingestion

Harmful if swallowed.

Skin contact

Irritating to skin.

Eye contact

May cause severe irritation to eyes.

Route of entry

Skin and/or eye contact.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

12.1. Toxicity

Acute Toxicity - Fish

LC50 96 hours 0.28 mg/l *Lepomis macrochirus* (Bluegill)

Sodium dichloroisocyanurate, dihydrate

LC50 96 hours 0.22 mg/l *Onchorhynchus mykiss* (Rainbow trout)

Sodium dichloroisocyanurate, dihydrate

EC 50, 48 Hrs, *Daphnia*, mg/l 0.2 (Sodium dichloroisocyanurate, dihydrate)

12.2. Persistence and degradability

Degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability 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 their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not applicable.

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12.4. Mobility in soil

Mobility:

Not relevant, due to the form of the product.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General LIMITED QUANTITIES for ADR / RID / IMDG (not assessed for transportation via air (ICAO / IATA) under limited quantities).

14.1. UN number

UN No. (ADR/RID/ADN)	3077
UN No. (IMDG)	3077
UN No. (ICAO)	3077

14.2. UN proper shipping name

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Contains Dichloroisocyanuric acid, dihydrate salt)

14.3. Transport hazard class(es)

ADR/RID/ADN Class	9
ADR/RID/ADN Class	Class 9: Miscellaneous dangerous substances and articles.
ADR Label No.	9
IMDG Class	9
ICAO Class/Division	9
Transport Labels	



14.4. Packing group

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

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**14.6. Special precautions for user**

EMS	F-A, S-F
Emergency Action Code	2Z
Hazard No. (ADR)	90
Tunnel Restriction Code	(E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not relevant

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**EU Legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

Authorisations (Title VII Regulation 1907/2006)

No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006)

No specific restrictions of use are noted for this product.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

Change to CLP classification

Issued By	Rowland Furse / Simon Burt
Revision Date	13/05/2015
Revision	7

Risk Phrases In Full

R22 Harmful if swallowed. , R31 Contact with acids liberates toxic gas. , R36/37 Irritating to eyes and respiratory system. , R36/38 Irritating to eyes and skin. , R38 Irritating to skin. , R41 Risk of serious damage to eyes. , R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. , R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H302 Harmful if swallowed. , H315 Causes skin irritation. , H318 Causes serious eye damage. , H319 Causes serious eye irritation. , H335 May cause respiratory irritation. , H400 Very toxic to aquatic life. , H410 Very toxic to aquatic life with long lasting effects. , H411 Toxic to aquatic life with long lasting effects.