



# HUGH CRANE

— Cleaning Equipment Limited —

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03HC1000A CISTERN BLOCKS Page 1 of 7

Revision Date 22/08/2017

Print Date 04/02/21

## Product Information Sheet

# BLUE FLUSH CISTERN BLOCKS

### Description

An automatic WC freshener and cleaner. Simply put into the WC water tank, wait until the water turns blue and flush as normal. Lasts up to 30 days..

### Product Features

- For use in toilets to keep them fresh and clean.

### Direction for Use

- Insert one toilet block into the system of the WC. The block will slowly dissolve over a period of time, dependent upon the number of flushes.
- Replace block when the blue dye fades away. b

### Shelf Life

- It is recommended that this product is used within 12 months of purchase.

### 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

### Environmental Hazards

- Do not allow large quantities of product to enter surface waterways.

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

# BLUE FLUSH CISTERN BLOCKS

### 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

**Product Name:** Cistern Blocks  
**Product Code:** 082BLUE  
**Company:** Hugh Crane (Cleaning Equipment) Ltd  
South Walsham Road, Acle  
Norwich NR13 3ES  
Tel 01493 750072 Fax 01493 751854  
**Emergency Telephone:** National Poisons Info. Centre, Birmingham B18-7QH. Tel 0121 507 5122 / 0844 892 0111

### Relevant Identified Uses Of The Substance Or Mixture And Uses Advised Against

**Main use category:** Professional use  
**Industrial/Professional use spec:** For professional use only  
**Use of the substance/mixture:** Toilet Blocks  
**Function or use category:** Toilet Blocks  
**Uses Advised Against:** No additional Information Available.

### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

#### Regulation (EC) No 1272/2008 (CLP)

Skin corrosion/irritation, Category 2 H315  
Serious eye damage/eye irritation, Category 1 H318  
Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412  
Full text of H statements : see section 16

#### Adverse physicochemical, human health and environmental effects

Causes skin irritation. Causes serious eye damage. Harmful to aquatic life with long lasting effects.

#### Label Elements

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

#### Hazard Pictograms:



**Signal Word:** Danger  
**Product Name:** Value Toilet Block.  
**Contains:** Alkyl Benzene Sulphonate.  
**Hazardous ingredients:** Benzenesulphonic acid mono c10 - 13 alkyl derivs sodium salts  
**Hazard statements (CLP):** H315 - Causes skin irritation  
H318 Causes serious eye damage.  
H412 - Harmful to aquatic life with long lasting effects.

**Precautionary statements:** P301+P312 - IF SWALLOWED: Call a doctor, a POISON CENTER if you feel unwell  
P264 -Wash hands thoroughly after handling  
P280 -Wear protective gloves  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P501 - Dispose of contents/container to an approved waste disposal plant  
**EUH-statements:** EUH208 - Contains dipentene, limonene (138-86-3). May produce an allergic reaction  
**Detergent Regulation:** Labelling of contents See section 15.1.1.  
**Other hazards:** No additional information known.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Substance:** Not applicable

#### Mixture

Chemical Identity of Substance	CAS	EC No.	EC Index No	REACH Reg. No.	Classification EC No. 1272/2008 (CLP)	% w/w
Benzenesulphonic Acid Mono C10 - 13 Alkyl Derivs Sodium Salts	68411-30-3	270-115-0		01-2119489428-22	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	10 - 30
sodium carbonate	497-19-8	207-838-8	011-005-00-2	01-2119485498-19	Eye Irrit. 2, H319	1 - 3
dipentene, limonene (Note C)	138-86-3	205-341-0	601-029-00-7		Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	0.1 - 1



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Chemical Identity of Substance	CAS	EC No.	EC Index No	REACH Reg. No.	Hazard Statements - Classification EC No. 1272/2008 (CLP)	% w/w
bronopol (INN), 2-bromo-2-nitropropane-1,3-diol	52-51-7	200-143-0	603-085-00-8		Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 1, H400	0.1 - 1

#### Specific Concentration Limits

Chemical Identity of Substance	CAS	EC No.	EC Index No	REACH Reg. No.	Hazard Statements - Classification EC No. 1272/2008 (CLP) % w/w
Benzenesulphonic Acid Mono C10 - 13 Alkyl Derivs Sodium Salts	68411-30-3	270-115-0		01-2119489428-22	(C >= 65) Acute Tox. 4 (Oral), H302

#### Note C :

Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

#### Full text of H-statements:

See section 16.

## 4. FIRST AID MEASURES

### Description of first aid measures

#### First Aid Measures General:

If you feel unwell seek medical advice (Show label where possible).

#### Inhalation:

Remove person to fresh air and keep comfortable for breathing.

#### Skin contact:

Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.

#### Eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately

#### Ingestion:

Never give anything by mouth to an unconscious person. Drink plenty of water. Do not induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell

### Most important symptoms and effects, both acute and delayed

**Symptoms/injuries:** Not expected to present a significant hazard under anticipated conditions of normal use.

**Symptoms/injuries after inhalation:** None under normal use.

**Symptoms/injuries after skin contact:** Irritation.

**Symptoms/injuries after eye contact:** Serious damage to eyes.

**Symptoms/injuries after ingestion:** May cause irritation to the digestive tract.

### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** The product is not flammable. Use extinguishing agent suitable for surrounding fire. Water spray. Dry powder. Foam.

### Special hazards arising from the substance or mixture

**Fire hazard:** Not flammable.

**Explosion hazard:** Product is not explosive.

**Hazardous decomposition products in case of fire:** Toxic fumes may be released.

### Advice for Firefighters

**Firefighting instructions:** Exercise caution when fighting any chemical fire.

**Protection during firefighting:** Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel:** Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

**For emergency responders:** Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

**Environmental precautions** Avoid release to the environment.

### Methods and material for containment and cleaning up

**Methods for cleaning up:** Recover mechanically the product. Collect spillage.

**Other information:** Dispose of materials or solid residues at an authorized site.

**Reference to other sections:** See sections 8 and 13.



## 7. HANDLING AND STORAGE

**Precautions for safe handling:** Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.

**Hygiene measures:** Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### Conditions for safe storage, including any incompatibilities

**Technical measures:** Does not require any specific or particular technical measures.

**Storage conditions:** Store in a well-ventilated place. Keep cool.

**Special rules on packaging:** Keep only in original container.

**Specific end use(s):** No additional information available

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters:** No additional information available.

### Exposure controls

**Appropriate engineering controls:** Ensure good ventilation of the work station.

**Hand protection:** Protective gloves

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Butyl rubber, Polyvinylchloride (PVC)				

**Eye protection:** Safety glasses

**Skin and body protection:** Wear suitable protective clothing

**Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment

**Environmental exposure controls:** Avoid release to the environment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

**Physical State:** Solid

**Appearance:** Blue

**Colour:** Blue

**Odour:** Fruity fragrance.

**Odour Threshold:** No data available

**pH:** No data available

**pH Solution:** 8 ( $\leq 1$ ) %

**Relative evaporation rate (butyl acetate=1):** No data available

**Melting Point:** No data available

**Freezing Point:** Not applicable.

**Boiling Point:** No data available

**Flash point:** Not applicable.

**Auto-ignition Temperature:** Not applicable.

**Decomposition Temperature:** No data available

**Flammability (Solid/Gas):** Non flammable.

**Vapour Pressure:** No data available

**Relative density at 20°C:** No data available

**Relative density:** Not applicable.

**Solubility:** Soluble in water.

**Log Pow:** No data available

**Viscosity, Kinematic:** Not applicable

**Viscosity, Dynamic:** No data available

**Explosive Properties:** Product is not explosive.

**Oxidising Properties:** Not applicable.

**Explosive Limits:** Not applicable.

**Other Information:** No additional information available.

## 10. STABILITY AND REACTIVITY

**Reactivity:** The product is non-reactive under normal conditions of use, storage and transport.

**Chemical stability:** Stable under normal conditions.

**Possibility of hazardous reactions:** No dangerous reactions known under normal conditions of use.

**Conditions to avoid:** None under recommended storage and handling conditions (see section 7).

**Incompatible materials:** Strong bases. Strong acids.

**Hazardous decomposition products:** No additional information available.



## 11. TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects

**Acute Toxicity:** Not classified.

Benzenesulphonic Acid Mono C10 - 13 Alkyl Derivs Sodium Salts	68411-30-3	LD50 Oral LD50 Dermal	1080 mg/kg bodyweight >2000 mg/kg bodyweight
sodium carbonate	497-19-8	LD50 Oral LD50 Dermal LC50 Inhalation Rat (Dust Mist -mg/l h4)	4090 mg/kg bodyweight >2000 mg/kg bodyweight 2300 mg/m <sup>3</sup>
bronopol (INN), 2-bromo-2-nitropropane-1,3-diol	52-51-7	LD50 Oral Rat LD50 Oral LD50 Dermal Rat LD50 Dermal LC50 Inhalation Rat (mg/l) LC50 Inhalation Rat (Dust Mist -mg/l h4)	180 mg/kg 180 mg/kg bodyweight 1600 mg/kg 1600 mg/kg bodyweight >5000 mg/m <sup>3</sup> >5000 mg/l/4h

**Skin corrosion/irritation:** Causes skin irritation.

**Serious eye damage/irritation:** Causes serious eye damage.

**Respiratory or skin sensitisation:** Not classified

**Germ cell mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Reproductive toxicity:** Not classified

**Specific target organ toxicity (single exposure):** Not classified

**Specific target organ toxicity (repeated exposure):** Not classified

**Aspiration hazard:** Not classified

## 12. ECOLOGICAL INFORMATION

### Toxicity

**Ecology - General:** Harmful to aquatic life with long lasting effects.

Benzenesulphonic Acid Mono C10 - 13 Alkyl Derivs Sodium Salts	68411-30-3	LC50 Fish 1 EC50 Other aquatic organisms 1 EC50 Other aquatic organisms 2 EC50 72h algae (1)	1.67 mg/l 2.9 mg/k EC50 Waterflea (48hr) 127.9 mg/l IC50 Algae (72h) mg/l 29 mg/l
sodium carbonate	497-19-8	LC50 Fish 1 EC50 Other aquatic organisms 1 EC50 Other aquatic organisms 2	300 mg/l 265 mg/l IC50 Algae (72h) mg/l
bronopol (INN), 2-bromo-2-nitropropane-1,3-diol	52-51-7	LC50 Fish 1 EC50 Daphnia 1 EC50 Other aquatic organisms 1 EC50 Other aquatic organisms 2	20 mg/l 1.6 mg/l 1.4 mg/l EC50 waterflea (48h) 0.4 mg/l IC50 Algae (72h) mg/l

### Persistence & Degradability

#### Cistern Blocks

Biodegradable. 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.

### Bioaccumulative Potential

#### Cistern Blocks

No bioaccumulation.

#### Sodium Carbonate (497-19-8):

Log Pow -6.19

### Mobility in Soil

#### Cistern Blocks

Absorbs into the soil.

**Results of PBT & vPvB Assessment:** No additional information available.

**Other adverse effects:** No additional information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

**Regional legislation (waste):** Disposal must be done according to official regulations.

**Waste disposal recommendations:** Dispose in a safe manner in accordance with local/national regulations.

## 14. TRANSPORT INFORMATION

In accordance with (ADR/RID/IMDG/IATA/ADN)





	ADR	IMDG	IATA	ADN	RID
UN Number	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
UN Proper Shipping Name	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Transport Hazard Classes	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Packing Group	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Environmental Hazards	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### Special Precautions for User

Overland Transport:	Not applicable
Transport by Sea:	Not applicable
Transport by Air:	Not applicable
Transport by Inland Waterway:	Not applicable
Transport by Rail:	Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

## 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations: Contains no REACH substances with Annex XVII restrictions  
Contains no substance on the REACH candidate list  
Contains no REACH Annex XIV substances

Allergenic fragrances > 0,01%: HEXYL CINNAMAL

### Detergent Regulation : Labelling of contents

Component	%
anionic surfactants	15-30%
perfumes	
HEXYL CINNAMAL	

National Regulations: No additional information available.

Chemical safety assessment: No chemical safety assessment has been carried out

## 16. OTHER INFORMATION

### Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
EC50	Median effective concentration
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
PBT	Persistent Bioaccumulative Toxic
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
vPvB	Very Persistent and Very Bioaccumulative
SDS	Safety Data Sheet

### Full text of H- and EUH-statements

Acute Tox. 3 (Oral) Acute toxicity (oral), Category 3

Acute Tox. 4 (Dermal) Acute toxicity (dermal), Category 4

Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4

Aquatic Acute 1 Hazardous to the aquatic environment — Acute Hazard, Category 1

Aquatic Chronic 1 Hazardous to the aquatic environment — Chronic Hazard, Category 1

Aquatic Chronic 3 Hazardous to the aquatic environment — Chronic Hazard, Category 3

Eye Dam. 1 Serious eye damage/eye irritation, Category 1

Eye Irrit. 2 Serious eye damage/eye irritation, Category 2

Flam. Liq. 3 Flammable liquids, Category 3

Skin Irrit. 2 Skin corrosion/irritation, Category 2

Skin Sens. 1 Sensitisation — Skin, Category 1

STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation



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H226 Flammable liquid and vapour  
H301 Toxic if swallowed  
H302 Harmful if swallowed  
H312 Harmful in contact with skin  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
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  
H412 Harmful to aquatic life with long lasting effects  
EUH208 Contains . May produce an allergic reaction  
SDS EU (REACH Annex II)

**Revision Date:** 22<sup>nd</sup> August 2017.

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*

**End of Safety Data Sheet.**