



# HUGH CRANE

— Cleaning Equipment Limited —

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## Material Safety Data Sheet

# CHANNEL BLOCKS

### 1. IDENTIFICATION OF THE SUBSTANCE/PRODUCT AND OF THE COMPANY/UNDERTAKING

**Product Name:** Channel Blocks  
**Supplier:** Hugh Crane (Cleaning Equipment) Ltd  
South Walsham Road, Acle  
Norwich NR13 3ES  
**Telephone** Tel 01493 750072 Fax 01493 751854  
**Identification of the Substance/Preparation:** Channel Blocks (Yellow or Blue)

### Intended Use of the Substance/Preparation

**Identified Uses:** Scented detergent block for foaming and freshening toilets.  
**Uses Advised Against:** Anything other than the above.

### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

**Regulation (EC) No. 1272/2008 (CLP):** Skin Irrit. 2; H315  
Eye Dam. 1; H318

**Directive 67/548/EEC & Directive 1999/45/EC:** Xi; R38: Irritating to skin.  
Xi; R41: Risk of serious damage to eyes.

#### **Label elements**

According to Regulation (EC) No. 1272/2008 (CLP)  
**Product Name:** Channel Block  
**Contains:** Alkylbenzene Sulphonate  
**Hazard Pictogram(s):**



**Signal Word(s) :** Danger  
**Contains :** Citronellol.  
**Hazard Statements:** H315: Causes skin irritation.

**Precautionary Statement(s):** H318: Causes serious eye damage.  
P102: Keep out of reach of children.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P332+P313: If skin irritation occurs: Get medical advice/attention.  
**Other hazards** None known.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Substances:** Not applicable – substances in preparations / mixtures.

#### **Mixtures**

SUBSTANCE	EC No	CAS No.	REACH Registration No.	Hazard Statements EC Classification (EC)1272/2008 (CLP)	Hazard Statements Directive 67/548/EEC Directive 1999/45/EC	%W/W
Alkyl benzene sulphonate	270-115-0	68411-30-3	None assigned	Acute Tox. 4 - H302 (SCL >65%) Skin Irrit 2 - H315 Eye Dam 1 - H318 Aquatic Chronic 3 - H412	Xn R22 Harmful if swallowed Xi R38 Irritating to skin Xi R41 Risk of serious damage to eyes R52/53 Harmful to aquatic organisms; may cause long term adverse effects in the aquatic environment.	<20
Citrus Fragrance	Mixture	Mixture	None assigned	Not classified (separate assessment)	Not classified (separate assessment)	3%

**Includes several non-classified substances.**



Allergenic Fragrances included at > 0.01%-0.1% (are below the threshold for classification according to Regulation (EC) No. 1272/2008 (CLP). Allergens >0.1% must be included on the label.

Chemical identity of the substance	%W/W	CAS No.	EC No.
Citronellol ((must be on the label))	0.122%	106-22-9	203-375-0
Citral	0.057%	5392-40-5	226-394-6
Geraniol	0.032%	106-24-1	203-377-1
Limonene	0.0006%	5989-27-5 5989-54-8 138-86-3	227-813-5
Farnesol	0.0001%	4602-84-0	225-004-1

#### 4. FIRST AID MEASURES



##### Description of first aid measures

**Inhalation:** IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

**Skin Contact:** IF ON SKIN: After contact with skin, wash immediately with plenty of water. Remove contaminated clothing and wash clothing before reuse. If irritation develops and persists, get medical attention.

**Eye Contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

**Ingestion:** Do not induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

Causes serious eye damage. Causes skin irritation.

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

Unlikely to be required but if necessary treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

##### Extinguishing Media

**Suitable Extinguishing media:** Extinguish with carbon dioxide, dry chemical, foam or waterspray.

**Unsuitable Extinguishing media:** Do not use water jet. Direct water jet may spread the fire.

##### Special Hazards Arising from the Substance or Mixture

**Specific Exposure hazards:** Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulphur oxides.

**Advice for Fire-Fighters:** Fight fire with normal precautions from a reasonable distance. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire. Avoid release to the environment.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective Eqpt and emergency procedures:** Ensure suitable personal protection during removal of spillages. Avoid contact with skin and eyes.

**Environmental precautions:** No issue in drains, sewers or watercourses.

##### Methods and material for containment and cleaning up

**Methods for Cleaning Up:** Clean up contamination/spills as soon as they occur. Collect as much as possible in a suitable clean container, preferably for re-use, otherwise for disposal.

**Reference to Other Sections:** See sections 8 and 13.

#### 7. HANDLING AND STORAGE

##### Precautions for Safe Handling

**Precautions:** Avoid contact with skin and eyes. Good hygiene practices and housekeeping measures. Wear protective gloves/eye protection. Do not eat, drink or smoke when using this product.

##### Conditions for safe storage, including any incompatibilities

**Conditions:** Keep in a cool, well ventilated place. Keep container tightly closed and dry. Keep out of reach of children.

**Storage temperature:** Do not allow material to freeze.

**Storage Life:** Stable under normal conditions.

**Incompatible Materials:** None known.



**Specific End Uses:** See section 1.

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

### **Control Parameters**

**Occupational Exposure Limits:** Not established.

**Biological Limit Value:** Not established.

**PNECs and DNELs:** Not established.

**Exposure Controls:**

**Appropriate Engineering Controls:** Ensure adequate ventilation

### **Individual Protection Measures, Such as Personal Protective Equipment (PPE)**

Good hygiene practices and housekeeping measures. Avoid contact with skin and eyes.



**Eye/face Protection :**

Wear goggles giving complete protection to eyes to protect against liquid splashes (EN166).

**Skin protection:**

Avoid prolonged skin contact. Recommended: Wear impervious gloves (EN374).

Breakthrough time of the glove material: refer to the information provided by the gloves' producer. Recommended: Butyl rubber

**Respiratory protection:**

Respiratory protection is not necessary if room is well ventilated. In case of inadequate ventilation wear respiratory protection.

**Thermal Hazards:**

No specific measures identified.

**Environmental Exposure Controls:** Avoid release to the environment.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Information on basic physical and chemical properties**

**Physical State:** Coloured waxy solid (blue).

**Odour:** Citrus fragrance.

**Odour Threshold:** Not established.

**pH:** 6- 8 (1% solution at 20°C).

**Melting/Freezing Point:** Not established.

**Initial Boiling point/range °C:** Not established.

**Flash Point:** Not established

**Evaporation Rate:** Not available.

**Flammability (Solid/Gas):** Not established

**Upper/Lower Flammability or Explosive Limits:** Not applicable.

**Vapour Pressure:** Not established.

**Vapour Density:** Not established.

**Relative Density:** Not available.

**Solubility/ies:** Soluble in water.

**Partition Coefficient n-octanol/water:** Not established.

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

**Decomposition Temperature:** Not determined.

**Viscosity:** Not established.

**Explosive Properties:** Not explosive.

**Oxidising Properties:** Not oxidising.

**Other Information:** None known.

## **10. STABILITY AND REACTIVITY**

**Reactivity:** Stable under normal conditions.

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

**Possibility of Hazardous Reactions:** None known.

**Conditions to Avoid:** Temperatures <4°C or >32°C

**Incompatible Materials:** None known.

**Hazardous decomposition products:** Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulphur oxides.

## **11. TOXICOLOGICAL INFORMATION**

Information on toxicological effects (substances in preparations/mixtures)/

**Acute Toxicity:** Not classified

**Ingestion:** Not classified



**Inhalation:** Not classified  
**Skin Contact:** Not classified  
**Skin Corrosion/Irritation:** Skin Irrit 2 H315; Causes skin irritation.  
**Serious Eye Damage/Irritation:** Eye Dam 1 H318; Causes serious eye damage.  
**Respiratory or Skin Sensitisation:** Not classified.  
**Germ Cell Mutagenicity:** Not classified.  
**Carcinogenicity:** Not classified.  
**Reproductive Toxicity:** Not classified.  
**STOT – Single Exposure:** Not classified.  
**STOT – Repeated Exposure:** Not classified.  
**Aspiration Hazard:** Not classified.  
**Other Information:** None.

## 12. ECOLOGICAL INFORMATION

**Toxicity:** None  
**Persistence & Degradability:** Not persistent. The mixture is expected to biodegrade rapidly and complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.  
**Bioaccumulative Potential:** The product has low potential for bioaccumulation.  
**Mobility in Soil:** The product is predicted to have high mobility in soil. Soluble in water.  
**Results of PBT/vPvB Assessment:** Not classified as PBT or vPvB.  
**Other adverse effects:** None known.

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods:** Do not empty into drains. Dispose of this material and its container at hazardous or special waste collection point. Disposal should be in accordance with local, state or national legislation.

## 14. TRANSPORT INFORMATION

	ADR/RID	IMDG	ICAO/IATA
UN No.	None Assigned	None Assigned	None Assigned
Proper Shipping Name	None Assigned	None Assigned	None Assigned
Transport Hazard Class(es)	Not Classified	Not Classified	Not Classified
Packing Group	Not Classified	Not Classified	Not Classified
Environmental Hazards	Not Classified	Not classified as a Marine Pollutant.	Not Classified
Special Precautions for User	See Section 2		
Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code	No information available	No information available	No information available

## p15. REGULATORY INFORMATION

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

**EU Regulations:** Authorisations and/or restrictions on use - None.  
**National Regulations:** None known.  
**Chemical Safety Assessment:** None.

## 16. OTHER INFORMATION

The following sections contain revisions or new statements: ALL

**References:** Safety Data Sheets for ingoing ingredients. Existing ECHA registration(s) for Ufaryl (CAS No 64811-30-3).  
Individual classification of substances provided by external toxicological consultants.

**EU Classification:** This safety data sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) and 453/2010.

Classification of the Substance or Mixture According To Regulation (EC) No. 1272/2008 (CLP)	Classification Procedure
Skin Irrit 2 H315	Threshold calculation
Eye Dam 1 H318	Threshold calculation

**Legend:**  
LTEL: Long Term Exposure Limit  
STEL: Short Term Exposure Limit  
DNEL: Derived No Effect Level  
PNEC: Predicted No Effect Concentration



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PBT: PBT: Persistent, Bioaccumulative and Toxic

vPvB: vPvT: very Persistent and very Toxic

## Training Advice:

Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

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**End of Safety Data Sheet**