



# HUGH CRANE

— Cleaning Equipment Limited —

South Walsham Road, Acle, Norwich NR13 3ES

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## Product Information Sheet

# HUGH CRANE TILE & GROUT POWER CLEANER

## FOR USE ON ALL FLOORS

A versatile low-foam, mildly alkaline detergent specially formulated for use in scrubber-driers for use on all floor types. Removes oil, grease and general soil from tiles, pool tiles, fine stone tiles and grout, stone, marble, slate, flagstones, granite, brick, ultra-safety and non-skid floors. Will also clean the bottom of ponds, fountains or pools; anywhere that there is a build-up of slime.

- Advanced and effective cleaner
- Low foam
- Caustic free – safer to use
- Diluted before use – economical
- Use at ambient temperature or heated
- Readily dilutes with water
- Low Hazard

### Specification

Appearance:	Clear, mobile liquid
Colour:	Colourless to pale straw
pH:	10.5 to 11.5
S.G:	1.095 to 1.100

### Method of use.

General maintenance:	Dilute 1 to 30 volumes of water
Medium soiling:	Dilute 1 volume to 10 to 20 volumes of water
Heavy or very greasy soil:	Dilute with 1 to 5 volumes of water. Add to detergent tank and follow the machine maker's instructions.



## SAFETY DATA SHEET

# HUGH CRANE TILE & GROUT POWER CLEANER

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

**Product name:** HUGH CRANE TILE & GROUT POWER CLEANER  
**Company name:** Hugh Crane (Cleaning Equipment) Ltd  
South Walsham Road, Acle  
Norwich NR13 3ES  
**Telephone:** 01493 750072 Fax 01493 751854  
**Emergency tel:** NHS Direct: 0845 4647, NHS24:0845 242424, ROI:018092166

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

**Use of substance / mixture:** PC35: Washing and cleaning products (including solvent based products).

### 2. HAZARDS IDENTIFICATION

#### Classification Of The Substance Or Mixture

**Classification under CLP:** This product has no classification under CLP

#### Label elements

**Hazard statements:** This product has no label elements.

#### Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Mixtures

Ingredient	EINECS	CAS	PBT / WEL	CLP Classification	Percent
TETRAPOTASSIUM PYROPHOSPHATE	230-785-7	7320-34-5	-	Eye Irrit 2 H319	1-10%

### 4. FIRST AID MEASURES

#### Description Of First Aid Measures

**Skin contact:** Wash immediately with plenty of soap and water.  
**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.  
**Ingestion:** Wash out mouth with water. Give 1 cup of water every to drink every ten minutes. Do not induce vomiting.  
**Inhalation:** Move to fresh air incase of accidental inhalation of vapours.

#### Most Important Symptoms And Effects, Both Acute And Delayed

**Skin contact:** There may be mild irritation at site of contact.  
**Eye contact:** There may be irritation and redness.  
**Ingestion:** There may be irritation of the throat.  
**Inhalation:** No data available.

#### Indication Of Any Immediate Medical Attention And Special Treatment Needed

**Immediate / special treatment:** Not applicable.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

#### Special Hazards Arising From The Substance Or Mixture

**Exposure hazards:** In combustion emits toxic fumes.  
**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment And Emergency Procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.  
**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.  
**Methods and material for containment and cleaning up:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.  
**Reference to other sections:** Refer to section 8 of SDS.



## 7. HANDLING AND STORAGE

### Precautions For Safe Handling:

### Conditions For Safe Storage, Including Any Incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.  
**Specific end use(s):** No data available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

**Workplace Exposure Limits:** No data available.  
**DNEL/PNEC:** No data available.

### Exposure Controls

**Engineering Measures:** Not applicable.  
**Respiratory Protection:** Respiratory protection not required.  
**Hand protection:** Protective gloves.  
**Eye protection:** Safety glasses. Ensure eye bath is to hand.  
**Skin protection:** Protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information On Basic Physical And Chemical Properties

**State:** Liquid  
**Colour:** Pale yellow.  
**Odour:** Characteristic odour  
**Evaporation Rate:** No data available.  
**Oxidising:** Non-oxidising (by EC criteria).  
**Solubility in water:** Soluble  
**Viscosity:** No data available.  
**Boiling point/range °C:** No data available  
**Melting point/range °C:** No data available  
**Flammability limits %:** lower: No data available  
upper: No data available  
**Flash point °C:** No data available.  
**Autoflammability °C:** No data available  
**Vapour pressure:** No data available  
**Relative density:** 1.1  
**pH:** 10.5 – 11.5  
**VOC g/l:** No data available  
**Other information:** No data available.

## 10. STABILITY AND REACTIVITY

**Reactivity:** Stable under recommended transport or storage conditions.  
**Chemical stability:** Stable under normal conditions.  
**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.  
**Conditions To Avoid:** Heat.  
**Incompatible materials**  
**Materials to avoid:** Strong oxidising agents. Strong acids.  
**Haz. decomp. products:** In combustion emits toxic fumes.

## 11. TOXICOLOGICAL INFORMATION

### Information On Toxicological Effects

#### Hazardous Ingredients

Hazardous Ingredient	Hazard			
TETRAPOTASSIUM PYROPHOSPHATE	Dermal	RBT	LD50	>2000 mg/kg
	Oral	RAT	LD50	2001 mg/kg

**Toxicity Values:** No data available.

### Symptoms / Routes Of Exposure

**Skin contact:** There may be mild irritation at site of contact.  
**Eye contact:** There may be irritation and redness.  
**Ingestion:** There may be irritation of the throat.  
**Inhalation:** No data available.



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## 12. ECOLOGICAL INFORMATION

### Toxicity

Hazardous Ingredient	Toxicological Information		
TETRAPOTASSIUM PYROPHOSPHATE	Daphnia Magna RAINBOW TROUT (Oncorhynchus Mykiss)	48h EC50 96h LC50	100 mg/l >100 mg/l

**Persistence and degradability:** Greater than 80% biodegradable according to method OECD 301.

**Bioaccumulative potential:** No bioaccumulation potential.

**Mobility in soil:** Readily absorbed into soil.

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**Other adverse effects:** Negligible ecotoxicity.

## 13. DISPOSAL CONSIDERATIONS

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14. TRANSPORT INFORMATION

**Transport Class:** This product does not require a classification for transport.

## 15. REGULATORY INFORMATION

### Safety, Health And Environmental Regulations/Legislation Specific For The Substance Or Mixture

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

## 16. OTHER INFORMATION

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

**SDS Revision Date:** 14<sup>th</sup> May 2015

**Phrases used in s.2 and 3:** H319 Causes serious eye irritation.

**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. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

**End of Safety Data Sheet**