



# HUGH CRANE

— Cleaning Equipment Limited —

South Walsham Road, Acle, Norwich NR13 3ES

Telephone: 01493 750072 Fax: 01493 751854

Email: [sales@hughcrane.co.uk](mailto:sales@hughcrane.co.uk)

Website: [www.hughcrane.co.uk](http://www.hughcrane.co.uk)

## SAFETY DATA SHEET

# SOLA CLEAN

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

#### 1.1. Product identifier

Product name Sola-Clean  
Product number 0518

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

Identified uses Cleaning agent for solar panels

#### 1.3. Details of the supplier of the data sheet

Supplier Hugh Crane Cleaning Equipment Ltd  
South Walsham Road  
Acle, Norwich  
NR13 3ES  
[sales@hughcrane.co.uk](mailto:sales@hughcrane.co.uk)

#### 1.4. Emergency telephone number

During Normal office hours 01493 750072 At other times call NHS (24/7) 111

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### Classification

Physical hazards Not classified

Health hazards May be harmful if swallowed  
Causes mild skin irritation  
Causes eye irritation

Environmental hazards Harmful to aquatic life

#### 2.2. Label elements



##### Pictogram

Signal word Warning

##### Hazard statements

H303: May be harmful if swallowed  
H315+H320: Causes skin and eye irritation  
H402: Harmful to aquatic life (see section 12)

##### Precautionary statements

P102: Keep out of the reach of children  
P262: Do not get in eyes, on skin or on clothing  
P302+P352: IF ON SKIN: Wash with soap and water  
P305+P351: IF IN EYES: Rinse cautiously with water for several minutes



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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixtures:

**Benzalkonium Chloride** 1 - 5%

CAS number 68391-01-5

EC number 269-919-4

#### Classification

Aquatic Acute 1 – H413

**Non-ionic surfactant blend** 1 - 5%

CAS number N/a (polymer)

#### Classification

Eye Irrit. 2 – H319

**Poly amino carboxylate** 1 - 5%

CAS number N/a (polymer)

#### Classification

Skin Irrit. 2 – H315

**1-Methoxy-2-propanol** 1 - 5%

CAS number 107-98-2

EC number 203-961-6

#### Classification

Flam. Liq. 3: H226

Skin Irrit. 2: H315

Also contains water and colouring

## SECTION 4: FIRST AID MEASURES

### Description of First Aid Measures

Inhalation	Not Normally applicable
Ingestion	Wash out mouth with water. Give plenty of water to drink. If feeling unwell, seek medical advice.
Skin Contact	Remove contaminated clothing and wash with water.
Eye Contact	Irrigate the eye thoroughly with plenty of clean water. If irritation persists, seek medical advice.

### Most important symptoms & effects, acute and delayed.

Eye Contact	May cause transient irritation with discomfort and redness and watering of the eyes
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### Indication of any immediate medical attention and special treatment needed

Notes for Doctor	Treat symptomatically.
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## SECTION 5: FIRE FIGHTING MEASURES

<b>5.1. Extinguishing media</b>	The product is non-flammable and does not support combustion. Select extinguishing media as appropriate to the circumstances of the fire.
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### 5.2. Special hazards arising from the substance or mixture

Hazardous combustion Products	Oxides of carbon may be released during thermal decomposition
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### **5.3. Advice for firefighters**

Avoid breathing gases or vapours. Keep containers cool with water

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **6.1. Personal precautions, protective equipment and emergency procedures**

#### **Personal precautions**

Spillages may create a slippery surface. Keep unnecessary people away.

### **6.2. Environmental precautions**

#### **Environmental precautions**

Avoid discharge into the aquatic environment. Large spillages, if allowed into water courses, may have harmful to aquatic organisms. Alert the relevant authorities in the event of water contamination.

### **6.3. Methods and material for containment and cleaning up**

#### **Methods for cleaning up**

Contain spillages with sand or other absorbent media. Place into plastic containers for safe disposal. Small spillages and residues may be flushed away with water.

### **6.4. Reference to other sections**

#### **Reference to other sections**

Wear protective clothing as described in Section 8

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

#### **Usage precautions**

Avoid contact with skin and eyes.

#### **Advice on general**

#### **Occupational hygiene**

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Remove contaminated clothing and wash the skin with water.

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Storage precautions**

Store in original container, tightly closed and away from acids, foodstuffs. Keep out of the reach of children.

### **7.3. Specific end use(s)**

General cleaning of solar energy panels.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

Use in a well-ventilated area

### **8.2. Exposure controls**

#### **Protective equipment**

#### **Appropriate engineering Controls**

Provide adequate ventilation.

#### **Eye/face protection**

Wear eye protection if splashing is likely to occur. Provide eyewash bottle/station.

#### **Hand protection**

Wear chemical-resistant gloves.

#### **Other skin and body protection**

Wear appropriate footwear and overalls if a risk assessment indicates that skin contamination is possible.

#### **Hygiene measures**

Wash at the end of each work shift and before eating or using the toilet. Contaminated clothing should not be worn outside of the workplace.



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Wash contaminated clothing before reuse.

**Respiratory protection**

Not required in normal use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Appearance</b>	Green coloured liquid.
<b>Odour</b>	Mild
<b>pH value as supplied</b>	Approx 6.0 to 8.0
<b>Boiling Point</b>	Over 100 °C
<b>Flash Point</b>	Not applicable
<b>Relative Density</b>	Approx 1.034 @ 20°C (Water = 1.000)
<b>Solubility</b>	Soluble/miscible with water.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

<b>Reactivity</b>	No data available
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### 10.2. Chemical stability

<b>Stability</b>	Stable under normal conditions of storage and use.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous Reactions</b>	No data available
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	No known conditions that are likely to result in hazardous reaction.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	Avoid contact with strong acids or bases.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Noxious fumes may be released during thermal decomposition.
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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

<b><u>Acute toxicity – oral</u></b>	May be harmful if swallowed.
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### **Serious eye damage/irritation**

<b>Serious eye damage/irritation</b>	Irritating when in contact with the eyes
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## SECTION 12: ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	The concentrated product, if released into water courses, may be harmful to aquatic organisms.
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### **12.1. Toxicity**

<b>Toxicity</b>	Not hazardous to the environment in normal use.
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## **12.2. Persistence and degradability**

**Degradability** The product is expected to degrade slowly

## **12.3. Bioaccumulative potential**

**Bioaccumulative potential** No evidence of bioaccumulation

## **12.4. Mobility in soil**

No data available

## **12.5. Results of PBT and vPvB assessment**

**Results of PBT and vPvT Assessment** This product does not contain any PBT or vPvB substances.

## **12.6. Other adverse effects**

No data available.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1. Waste treatment methods**

**General information** Dispose of waste product or used containers in accordance with local regulations

## **SECTION 14: TRANSPORT INFORMATION**

**General** This product is not classified as dangerous for transport

## **SECTION 15: REGULATORY INFORMATION**

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

**National regulations** Health and Safety at Work Act 1974 (as amended).

### **15.2. Chemical safety assessment**

Buyers are responsible for making their own assessments

## **SECTION 16: OTHER INFORMATION**

This product is manufactured under the ISO 9000 Quality System

The foregoing information is based on the state of our knowledge and experience of the product and the various ingredients used in the preparation. It is given in good faith, but no warranty is implied.

Date of issue: 3rd June 2025