



HUGH CRANE

— Cleaning Equipment Limited —

South Walsham Road, Acle, Norwich NR13 3ES

Telephone: 01493 750072 Fax: 01493 751854

Email: sales@hughcrane.co.uk

Website: www.hughcrane.co.uk

0518/ Sola Clean
SDS Revision Date 04/03/2024
Print Date: 23/07/2024

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,
Norfolk NR13 3ES
sales@hughcrane.co.uk

1.4. Emergency telephone number

During Normal office hours **01493 750 072**
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 Acute Tox, 4 – H302
Skin irritation – H315
Eye irritation – H320
Environmental hazards Aquat. Tox 2 – H402

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

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:



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Ingredient Name	CAS No	EC No	Classification	Content
Benzalkonium Chloride	68391-01-5	269-919-4	Aquatic Acute 1 - H400 Acute Tox 4 - H302	1 - 5%
Non-ionic surfactant blend	N/a (polymer)		Eye Irrit 2 - H319	1 - 5%
Poly amino carboxylate	N/a (polymer)		Skin Irrit 2 - H315	1 - 5%
1-Methoxy-2-propanol	107-98-2	203-961-6	Flam Liq 3 - H226 Skin Irrit 2 - H315	5 - 15%

SECTION 4: FIRST AID MEASURES

4.1. 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.

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

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

Notes for doctor	Treat symptomatically
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SECTION 5: FIRE FIGHTING MEASURES

<u>5.1. Extinguishing media</u>	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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<u>5.3. Advice for firefighters</u>	Avoid breathing gases or vapours. Keep containers cool with water
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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.
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6.2. Environmental precautions

Environmental precautions	Avoid discharge into the aquatic environment. Large spillages, if allowed into water courses, may have hazardous effects on aquatic organisms. Alert the relevant authorities in the event of water contamination.
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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.
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6.4. Reference to other sections

Reference to other sections	Wear protective clothing as described in Section 8
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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 disinfectant, cleaning and sanitising of hard surfaces.

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 to BS EN 166. 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. Wash contaminated clothing before reuse.

Respiratory protection Not required in normal use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance Green-coloured liquid

Odour Mild

pH value as supplied Approx. 6.0 to 8.0

Boiling point Over 100°C

Flash point Not applicable

Relative density Approx. 1.034 @ 20°C (water = 1.000)

Solubility Soluble/miscible with water

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity No known hazardous reactions with this product.

10.2. Chemical stability

Stability Stable under normal conditions of storage and use.

10.3. Possibility of hazardous reactions

Possibility of hazardous Reactions No data available

10.4. Conditions to avoid

Conditions to avoid No known conditions that are likely to result in hazardous reaction.

10.5. Incompatible materials

Materials to avoid Avoid contact with strong acids or bases.

10.6. Hazardous decomposition products



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**Hazardous decomposition
Products**

Noxious fumes may be released during thermal decomposition.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity – oral

May be harmful if swallowed.

Serious eye damage/irritation

Serious eye damage/irritation Irritating when in contact with the eyes

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

If released into water courses, may be harmful to aquatic organisms.

12.1. Toxicity

Toxicity

The product is not expected to be hazardous to the environment.

12.2. Persistence and degradability

Degradability

The product is considered to be biodegradable.

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

None known

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: 4th March 2024

End of Safety Data Sheet.