



PRODUCT INFORMATION SHEET

THICKENED BLEACH



USE

Ideal for use where general purpose cleaning and sterilising is required.

DIRECTIONS

Agitate before use.

Thickened formula will cling to vertical surfaces.

Use neat to disinfect toilets, urinals, drains, waste pipes etc.

For general use dilute with up to 100 parts water, apply by mop or cloth.

Allow a few minutes to react, wipe and rinse with clean water.

Handle with care, splashes onto fabrics and other materials can cause damage.

Never mix bleach with other chemicals.

TECHNICAL

State:	Liquid
Colour:	Colourless
Odour:	Characteristic odour
Oxidising:	Non-oxidising (by EC criteria)
Solubility in water:	Soluble
Viscosity:	Viscous
Flash point °C:	70
pH Level:	12.5



Persistence And Degradability: Not biodegradable



SAFETY DATA SHEET

THICKENED BLEACH

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & COMPANY

Chemical Name: Thickened Bleach
Product No.: 03HC1116 (5L) / 03HC1117 (1L)
Supplier: Hugh Crane (Cleaning Equipment) Ltd.
South Walsham Road,
Acle, Norwich, NR13 3ES
Tel (01493) 750072 Fax (01493) 751854

National Emergency Tel No: In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales – 0845 46 47. Or NHS 24 in Scotland – 08454 24 24 24

Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Identified Uses: Cleaning product for professional use.

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification under CLP: Skin Corr 1A H314
EUH031

Most important adverse effects: Contact with acids liberates toxic gas. Causes severe skin burns and eye damage.

Label Elements

Pictogram: GHS05: Corrosion



Signal Word: Danger
Hazard Statements: EUH031: Contact with acids liberates toxic gas.
H314: Causes severe skin burns and eye damage.

Precautionary statements: P260: Do not breathe dust/fumes/gas/mist/vapours/spray.
P280: Wear protective gloves.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other Hazards

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures

Ingredient(s)	EC No.	CAS No.	PBT / WEL	Classification	Weight %
Sodium Hypochlorite Solution CL Active	231-668-3	7681-52-9		Skin Corr. 1B - H314 Aquatic Acute 1 - H400 EUH031	1-10%
Sodium Laureth Sulfate	500-234-8	68891-38-3	-	Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 – H412	1-10%
Sodium Hydroxide	215-185-5	1310-73-2	-	Skin Corr. 1A - H314	1-10%
N, N Dimethyltetradecylamine N- Oxide	222-059-3	3332-27-2	-	Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 2 – H411	<1%

The full text for all Hazard statements is displayed in Section 16.



4. FIRST AID MEASURES

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

Most Important Symptoms And Effects, Both Acute And Delayed

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Indication Of Any Immediate Medical Attention And Special Treatment Needed

Notes for the Doctor: Eye bathing equipment should be available on the premises.

5. FIRE FIGHTING MEASURES

Suitable 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: Corrosive. In combustion emits toxic fumes.

Advice For Firefighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE PROCEDURES

Personal Precautions, Protective Eqpt & Emergency Procedures

Personal Precautions: Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. 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

Methods for Cleaning Up: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. 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 this Material Safety Data Sheet.

7. HANDLING AND STORAGE

Precautions For Safe Handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

Conditions For Safe Storage, Including Any Incompatibilities:

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

Specific end use(s): No data available.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters

Hazardous Ingredient	State	Workplace Exposure Limits		Respirable Dust	
		15 Min STEL	8 Hour TWA	15 Min STEL	8 Hour TWA
Sodium Hydroxide	UK	-	2 mg/m3	-	-

DNEL / PNEC Values: No data available.



Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.
Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.
Hand protection: Impermeable gloves.
Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.
Skin protection: Impermeable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties.

Appearance: Liquid
Colour: Colourless.
Odour: Characteristic odour
Oxidising: Non-oxidising (by EC criteria)
Solubility in water: Soluble
Viscosity: Viscous
Flash point °C: Not applicable.
pH: >11.5
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.
Materials to avoid: Strong oxidising agents. Strong acids.
Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Hazardous Ingredient	Toxicological Information			
Sodium Hypochlorite Solution ...100% CL Active	ORL	MUS	LD50	5800 mg/kg
Sodium Hydroxide	IPR	MUS	LD50	40 mg/kg
	ORL	RBT	LDL0	500 mg/kg

Hazard	Route	Basis
Skin Corrosion / Irritation	DRM	Hazardous : Calculated
Serious Eye Damage / Irritation	OPT	Hazardous : Calculated

Symptoms / routes of exposure

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.
Eye contact: Corneal burns may occur. May cause permanent damage.
Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.
Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.
Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

12. ECOLOGICAL INFORMATION

Ecotoxicity values: No data available.
Persistence and degradability: Biodegradable.
Bioaccumulative potential: No bioaccumulation potential.
Mobility: Readily absorbed into soil.
Results of PBT and vPvB assessment: This product is not identified as a PBT/vPvB substance.
Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

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



14. TRANSPORT INFORMATION

UN number: UN1791.
UN Proper shipping name: HYPOCHLORITE SOLUTION

Transport hazard class(es): 8
Packing group: II

Environmental Hazards

Environmentally Hazardous Substance / Marine Pollutant: No

Special precautions for user: No special Precautions
Tunnel Code: E
Transport Category: 2

15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Specific Regulations: Not applicable.
Chemical Safety Assessment: A Chemical Safety Assessment (CSA) has not been carried out for the substance or the mixture by the supplier.

16. OTHER INFORMATION

Revision Date: 1st June 2018
Other Information: According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Hazard Statements In Full:
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.
H411 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
EUH031 Contact with acids liberates toxic gas.

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.