

# SAFETY DATA SHEET

THICK BLEACH

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Compilation date: 01/08/2008

Revision date: 24/04/2019

Revision No: 5

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product name:** THICK BLEACH

**Product code:** 215

### 1.2. 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).

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

**Company name:** TTB GROUP

UNIT 16

HIGHGROVE FARM IND ESTATE

SEAFORD

PINVIN

WR10 2LF

UK

**Tel:** +44 (0) 1905 841 139

**Email:** leah@ttbsupplies.co.uk

### 1.4. Emergency telephone number

**Emergency tel:** NHS 111

NHS Direct Wales 08454647

ROI 01 809 2166

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CLP:** \* Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Met. Corr. 1: H290;  
Eye Dam. 1: H318; -: EUH206

**Most important adverse effects:** Causes severe skin burns and eye damage. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. May be corrosive to metals. Warning! Do not use together with other products. May release dangerous gases (chlorine).

### 2.2. Label elements

**Label elements:**

**Hazard statements:** \* H314: Causes severe skin burns and eye damage.

[cont...]

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H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

H290: May be corrosive to metals.

EUH206: Warning! Do not use together with other products. May release dangerous gases (chlorine).

**Hazard pictograms:** GHS05: Corrosion

GHS09: Environmental



**Signal words:** Danger

**Precautionary statements:** P102: Keep out of reach of children.

P280: Wear eye protection, protective gloves.

P264: Wash hands thoroughly after handling.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P314: Get medical advice/attention if you feel unwell.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water .

P332+P313: If skin irritation occurs: Get medical advice/attention.

P304+P341: IF INHALED: if breathing is difficult, remove victim to fresh air and keep at rest in a position 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.

P337+P313: If eye irritation persists: Get medical advice/attention.

P362: Take off contaminated clothing.

## 2.3. Other hazards

**Other hazards:** Contact with acids liberates toxic gas.

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

SODIUM HYPOCHLORITE SOLUTION CL ACTIVE - REACH registered number(s): 01-2119488154-34-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
231-668-3	7681-52-9	-	Skin Corr. 1B: H314; Aquatic Acute 1: H400; -: EUH031	1-10%

[cont...]

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AMINES, C12-14(EVEN NUMBERED) ALKYL DIMETHYL, N-OXIDES - REACH registered number(s): 01-2119490061-47-XXXX

931-292-6	308062-28-4	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 2: H411	1-10%
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ALCOHOLS C12-C14, ETHOXYLATED, SULPHATED, SODIUM SALTS - REACH registered number(s): 01-2119488639-16-xxxx

-	68891-38-3	-	Eye Dam. 1: H318; Skin Irrit. 2: H315; Aquatic Chronic 3: H412	1-10%
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## Section 4: First aid measures

### 4.1. Description of 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.

### 4.2. 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.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Water.

[cont...]

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## 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** Corrosive. In combustion emits toxic fumes.

## 5.3. Advice for fire-fighters

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

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and 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.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. 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.

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

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

**Suitable packaging:** Polyethylene.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

[cont...]

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## SODIUM HYPOCHLORITE SOLUTION...100% CL ACTIVE

### Workplace exposure limits:

### Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1.5mg/m <sup>3</sup>	-	-	-

### DNEL/PNEC Values

### Hazardous ingredients:

#### AMINES, C12-14(EVEN NUMBERED) ALKYL DIMETHYL, N-OXIDES

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	6.2,g/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal	11mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	1.53 mg/m <sup>3</sup>	General Population	Systemic
DNEL	Dermal (repeated dose)	5.5 mg/kg bw/day	General Population	Systemic
DNEL	Oral (repeated dose)	0.44 mg/kg bw/day	General Population	Systemic
DNEL	Fresh water	0.0335 mg/l	-	-
PNEC	Microorganisms in sewage treatment	24 mg/L	-	-
PNEC	Marine water	0.00335mg/L	-	-
PNEC	Fresh water sediments	5.24mg/kg	-	-
PNEC	Marine sediments	0.524mg/kg	-	-
PNEC	Soil (agricultural)	1.02mg/kg	-	-

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Hand protection:** Impermeable gloves. Rubber gloves. Gloves (alkali-resistant).

**Eye protection:** Ensure eye bath is to hand. Safety glasses with side-shields.

**Skin protection:** Alkali resistant protective clothing.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Pale yellow

**Odour:** Characteristic odour

**Evaporation rate:** Moderate

**Oxidising:** Oxidising (by EC criteria)

**Solubility in water:** Soluble

**Viscosity:** Viscous

**Boiling point/range°C:** 100

**Melting point/range°C:** 0

**Flammability limits %:** lower: Not applicable.

**upper:** Not applicable.

**Flash point°C:** Not applicable.

**Part.coeff. n-octanol/water:** Not applicable.

**Autoflammability°C:** Not applicable.

[cont...]

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Relative density: 1.05 - 1.15

VOC g/l: 0

Vapour pressure: Not applicable.

pH: 12.5

## 9.2. Other information

Other information: No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

Chemical stability: Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

Conditions to avoid: Direct sunlight.

### 10.5. Incompatible materials

Materials to avoid: Acids.

### 10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

Hazardous ingredients:

#### SODIUM HYPOCHLORITE SOLUTION...100% CL ACTIVE

ORL	RAT	LD50	750	mg/kg
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#### AMINES, C12-14(EVEN NUMBERED) ALKYL DIMETHYL, N-OXIDES

DERMAL	RAT	LD50	>2000	ppmV
ORAL	RAT	LD50	1680 (est.)	mg/kg

#### ALCOHOLS C12-C14, ETHOXYLATED, SULPHATED, SODIUM SALTS

ORL	RAT	LD50	>2000	mg/kg
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[cont...]

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## Relevant hazards for product:

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.

## Section 12: Ecological information

### 12.1. Toxicity

#### Hazardous ingredients:

#### SODIUM HYPOCHLORITE SOLUTION...100% CL ACTIVE

-	LC100	1	mg/l
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#### AMINES, C12-14(EVEN NUMBERED) ALKYL DIMETHYL, N-OXIDES

ALGAE	72H ErC50	0.146	mg/l
ALGAE	NOEC 28 days	0.067	mg/l
DAPHNIA	48H EC50	3.1	mg/l
DAPHNIA	NOEC 21 days	0.7	mg/l
FISH	96H LC50	2.67	mg/l
FISH	NOEC 302 days	0.42	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** The surfactants contained in this preparation comply with the biodegradability criteria as laid down in regulation (EC) No.648/2004 on detergents.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

### 12.5. Results of PBT and vPvB assessment

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

[cont...]

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## 12.6. Other adverse effects

**Other adverse effects:** Toxic to aquatic organisms.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal of packaging:** Dispose of as normal industrial waste.

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

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN1760

### 14.2. UN proper shipping name

**Shipping name:** CORROSIVE LIQUID, N.O.S.  
(SODIUM HYPOCHLORITE SOLUTION...5 % CL ACTIVE)

### 14.3. Transport hazard class(es)

**Transport class:** 8

### 14.4. Packing group

**Packing group:** III

### 14.5. Environmental hazards

**Environmentally hazardous:** Yes

**Marine pollutant:** Yes

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** E

**Transport category:** 3

## Section 15: Regulatory information

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

**Specific regulations:** . . . .

### 15.2. Chemical Safety Assessment

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

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

[cont...]



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\* indicates text in the SDS which has changed since the last revision.

5 LTR ; LIMITED QUANTITY FOR ADR

**Phrases used in s.2 and s.3:** EUH031: Contact with acids liberates toxic gas.

EUH206: Warning! Do not use together with other products. May release dangerous gases (chlorine).

H290: May be corrosive to metals.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

**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.