

**CHAUCER CHEMICALS LIMITED****PRODUCT SAFETY DATA SHEET** *Mfrs' List No.*  
**STERABLEACH - BLEACH CONCENTRATE** (10401)Trade Name:  
Supplier  
Tel No:**STERABLEACH:**CHAUCER CHEMICALS LIMITED, P.O.Box1, St.Neots, Cambs PE19 1DP  
Tel: 01480 476202 Fax: 01480 406459**Product Description:**

Sodium Hypochlorite Solution

**Hazardous Ingredients:**

Sodium Hypochlorite % conc. &gt;10 Classification C;R31-34 CAS 7681-52-9

**HAZARD IDENTIFICATION**

classified as hazardous

Corrosive

**First Aid Measures****Eyes:**

Rinse immediately with plenty of water and seek medical advice if irritation persists

**Skin:**

Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse.

**Ingestion:**

Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell seek medical attention.

**Inhalation:**

Remove from exposure, rest and keep warm. seek medical attention

**Fire Fighting Measures****Extinguishing Media:**

Not classified as flammable.

**Unusual Media:**

None know

**Unusual Fire and Explosion Hazards:**

None Know

**Protective Equipment for Fire:**

Normal equipment

**Accidental Release Measures****Personal Precautions:**

Wear appropriate PPE - see section 8

**Environmental Precautions:**

Do not allow material to contaminate drains or watercourses

**Spillages:**

Where possible transfer to suitable container for waste disposal.

**HANDLING AND STORAGE****Handling:**

Avoid contact when transferring ensure good ventilation

**Storage:**

Keep in original container

**EXPOSURE CONTROLS/PERSONAL PROTECTION****Respiratory Protection:**

Type approved RPE for mists if OES is likely to be exceeded

**Hand Protection:**

Gloves

**Eye Protection:**

Goggles

**Skin Protection:**

Overalls, apron and boots

**Occupational Exposure Limits:****Hazardous Ingredient(s)**

Sodium Hypochlorite

LTEL 8hr TWA  
ppm mg/m<sup>3</sup>STEL (15 mins)  
ppm mg/m<sup>3</sup>Type  
OES

2

Prepared 1/3/95 CJLB/100 /83/84

## STERABLEACH

### Appearance/Colour

#### Odour:

pH Value @ 20°C:

Boiling Point (°C):

Melting Point (°C):

Flash Point (°C):

Auto Ignition Temp.(°C):

Explosive Limits in Air:

Vapour Pressure @ (20°C):

Relative Density @ (20°C):

Water Solubility:

Clear yellow liquid

Chlorine

>13 @ 1% solution

> 110°C

-17°C

Not applicable

Not applicable

Not applicable

17.5mm Hg

1.26

Stable

### Conditions to Avoid:

#### Materials to Avoid:

#### Hazardous Decomposition:

Heat, strong sunlight

Contact with acids liberates toxic gas (Chloride) Violent reaction with Ammonia

Evolves oxygen, Chlorine

### Eye Contact:

#### Skin Contact:

#### Ingestion:

#### Inhalation:

Prolonged contact may result in permanent damage or blindness

Corrosive to eyes, skin and mucous membranes

May lead to formation of Chloride gas by reaction with stomach contents.

Inhalation of Chloride gas will cause bronchial and pulmonary oedema

### Biodegradability:

#### Toxicity:

#### Effect on Effluent Treatment:

#### Distribution:

#### Mobility:

At use dilutions is readily broken down by biological sewage treatment

Toxic to fish and other aquatic life

At the levels likely to be found in effluent, will have no adverse effect

Completely water soluble: bioaccumulation unlikely

Hygroscopic and very soluble

### Product:

#### Packages:

Absorb in earth, sand or other suitable absorbent, and dispose of as solid waste according to local regulations. Dispose of by incineration

Wash out containers with water, running the washings to a sewage treatment system. Dispose of container according to local regulations

### Classification for Transport:

#### UN Number:

#### Road & Rail Transport (ADR/RID)

Corrosive

1791

Emergency code: 2X

### EEC Classification:

#### Risk Phrase:

#### Safety Phrases:

Corrosive

R34:Causes burns

R31: Contact with acids liberates toxic gas

S2: Keep out of reach of children

S28: After contact with skin wash immediately

## 16. OTHER INFORMATION

This data sheet was prepared in accordance with Directive 91/155/EEC