



# Hard and Heavy

## SAFETY DATA SHEET

SUPER CONCENTRATED CLEANER / SANITISER

Page: 1

Compilation date: 28/02/2013

Revision date: 04/03/2015

Revision No: 3

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

#### 1.1. Product identifier

**Product name:** SUPER CONCENTRATED CLEANER / SANITISER

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

**Use of substance / mixture:** PC8: Biocidal products (e.g. Disinfectants, pest control).

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

**Company name:** Hard and Heavy

Technology House

151 Silbury Boulevard

Milton Keynes

MK9 1LH

**Tel:** 01441 781031

**Fax:** 08458 623317

**Email:** info@hardandheavy.co.uk

#### 1.4. Emergency telephone number

**Emergency tel:** 01441 781031

(office hours only)

### Section 2: Hazards identification

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

**Classification under CHIP:** Xi: R38; Xi: R41

**Classification under CLP:** Eye Irrit. 2: H319; Skin Sens. 1A: H317

**Most important adverse effects:** Irritating to skin. Risk of serious damage to eyes.

#### 2.2. Label elements

**Label elements under CLP:**

**Hazard statements:** H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

**Signal words:** Warning

**Hazard pictograms:** GHS07: Exclamation mark



[cont...]

**SAFETY DATA SHEET**  
SUPER CONCENTRATED CLEANER / SANITISER

Page: 2

**Precautionary statements:** P264: Wash hands thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P405: Store locked up.

**Label elements under CHIP:**

**Hazard symbols:** Irritant.



**Risk phrases:** R38: Irritating to skin.  
R41: Risk of serious damage to eyes.

**Safety phrases:** S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S39: Wear eye / face protection.

**2.3. Other hazards**

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

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

AMINE OXIDE SURFACTANT

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	-	Xi: R36/38	-	1-10%

BENZYL-C12-16-ALKYLDIMETHYL CHLORIDES

270-325-2	270-3256-2	C: R34; Xn: R22	Skin Corr. 1B: H314; Acute Tox. 4: H302	1-10%
-----------	------------	-----------------	---	-------

DDAC

-	-	Xn: R22; C: R34; -: R67	-	1-10%
---	---	-------------------------	---	-------

ALCOHOL ETHOXYLATE

-	68439-46-3	Xn: R22; Xi: R41	Eye Dam. 1: H318	1-10%
---	------------	------------------	------------------	-------

COCOAMIDO PROPYL BETAINE

-	-	Xi: R38; Xi: R41	-	1-10%
---	---	------------------	---	-------

[cont...]

**SAFETY DATA SHEET**  
SUPER CONCENTRATED CLEANER / SANITISER

Page: 3

EDTA

-	-	Xi: R36	-	<1%
---	---	---------	---	-----

**Contains:** Colour

**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:** There may be irritation and redness at the site of contact.
- Eye contact:** The eyes may water profusely. There may be pain and redness. Corneal burns may occur.
- Ingestion:** There may be soreness and redness of the mouth and throat.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.
- 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:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

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

[cont...]

**SAFETY DATA SHEET**  
SUPER CONCENTRATED CLEANER / SANITISER

Page: 4

**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:** 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**

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

**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**

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

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

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

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

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Workplace exposure limits:** No data available.

**8.1. DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

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

**Hand protection:** Impermeable gloves.

**Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

**Section 9: Physical and chemical properties**

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

**State:** Liquid

**Colour:** Dark red

[cont...]

**SAFETY DATA SHEET**  
SUPER CONCENTRATED CLEANER / SANITISER

Page: 5

**Odour:** Odourless  
**Solubility in water:** Highly soluble  
**Viscosity:** Non-viscous  
**Boiling point/range°C:** 93  
**pH:** 10.5  
**Flash point°C:** 60 - 93

**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:** Heat.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong 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:**

**DDAC**

ORL	RAT	LD50	>2000	mg/kg
-----	-----	------	-------	-------

**ALCOHOL ETHOXYLATE**

ORL	RAT	LD50	200 - 2000	mg/kg
-----	-----	------	------------	-------

[cont...]

**SAFETY DATA SHEET**  
SUPER CONCENTRATED CLEANER / SANITISER

Page: 6

**COCOAMIDO PROPYL BETAINE**

ORL	-	LD50	>2000	mg/kg
-----	---	------	-------	-------

**EDTA**

ORL	RAT	LD50	>2000	mg/kg
-----	-----	------	-------	-------

**Relevant effects for mixture:**

Effect	Route	Basis
Irritation	OPT DRM	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** The eyes may water profusely. There may be pain and redness. Corneal burns may occur.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

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

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**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 substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. 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.

[cont...]

**SAFETY DATA SHEET**  
SUPER CONCENTRATED CLEANER / SANITISER

Page: 7

**Section 14: Transport information**

**14.1. UN number**

UN number: Not Regulated

**14.2. UN proper shipping name**

**14.3. Transport hazard class(es)**

**14.4. Packing group**

**14.5. Environmental hazards**

Environmentally hazardous: No

Marine pollutant: No

**14.6. Special precautions for user**

Special precautions: No special precautions.

**Section 15: Regulatory information**

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

**15.2. Chemical Safety Assessment**

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

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

**Phrases used in s.2 and 3:** H302: Harmful if swallowed.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
R22: Harmful if swallowed.  
R34: Causes burns.  
R36/38: Irritating to eyes and skin.  
R36: Irritating to eyes.  
R38: Irritating to skin.  
R41: Risk of serious damage to eyes.  
R67: Vapours may cause drowsiness and dizziness.

**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.