

ID#:	80923	Assessment Owner:	Clive Owen
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Email:	clive@a1groupuk.com	Date Created:	16/03/2011 09:26:00
Date Assessment Reviewed	23/02/2023	Next Review Date:	23/02/2024 11:53:00
Material Code:	153429	Tradename:	TRUCKWASH CONCENTRATE
		Supplier	SAFECEM LIMITED
Supplier Phone:	0191 4108668	IMC:	
Keyword	Cleaner (Alkali)	Frequency of use:	Daily
Approximately how much of the material is used by one person in one working day:	2 gallons	How many people are directly exposed?:	1
Are any other people put at risk from indirect exposure?:	No	How are they exposed?:	
Are there any susceptible workers?:	No	Susceptible Categories:	
Other info:		Is this material being used outside of the normal temperature range?:	No
Additional work practices:			
Existing Control measures:	goggles and gloves worn		
Exp Limit	Sodium hydroxide 2mg/m3 15mSTEL		
Notes			
Files Uploaded			
File Name			
Activities			
Act No	Method	Area	Exposure
4	Pressure washing	Outside	2 to 4 hours per shift
Work Area			
Work Area Code	Sub Area Code		
CS			
Safer Substitute Chosen	Reason for leaving/swapping material preferred supplier		

Material/Process
TRUCKWASH CONCENTRATE



Health Hazards
 Causes severe skin burns and eye damage
 Ingestion may be fatal if not treated promptly



HIGH HAZARD
 LIQUID

Supplier SAFECHEM LIMITED
Keyword Cleaner (Alkali)

Contents
 tetrasodium (1-hydroxyethylidene)bisphosphonate: 10 - 20%, **Signal Word** Danger
 Sodium hydroxide: 1 - 10%
Exp Limit Sodium hydroxide 2mg/m3 15mSTEL

Method Pressure washing **Area** Outside **Exposure** 2 to 4 hours per shift
HIGH ACUTE RISK - FULL EXPOSURE **HIGH CHRONIC RISK - FULL EXPOSURE**

Control Measures **HIGH ACUTE RISK - INDIVIDUAL ACTIVITY** **HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY**

	IMPERVIOUS OVERALLS	BUTYL OR NITRILE	PROTECTIVE FOOTWEAR	BS EN166	AND
LEV OR	FILTER TYPE P2	WASH AFTER EXPOSURE	IF SOILED	OR STORE WITH ACIDS	CLOSE ALL CONTAINERS
CORROSIVE					

Spillage
 Mark the area and warn all personnel
 Ventilate area
 Wear butyl or nitrile gloves
 Suitable eye protection must be worn
 Wear respiratory protection if spill is in a poorly ventilated space
 Wear respiratory protection if whole container is spilt
 Wear protective overalls & chemical proof footwear
 Absorb in sand or inert absorbent material
 Small spills - wipe up with cloth
 Collect into a container, close lid

First Aid
 Ensure access to emergency shower/eyewash station in case of accident or emergency
 Inhalation - remove to fresh air; get immediate medical attention after significant exposure or if feeling ill
 Ingestion - do not induce vomiting, wash out mouth with water
 Ingestion - give plenty of water in sips, obtain immediate medical attention
 Eye contact - irrigate using eyewash & get immediate medical attention
 Skin - remove contaminated clothing. In case of burns immerse affected area in water. Get prompt medical attention

Fire
 Isolated small scale fire:
 Water - carbon dioxide - powder - foam
 Large fire: evacuate area, call fire brigade or follow site procedure
 Wear self-contained breathing apparatus and protective clothing

Activity Comments

Date Printed 23/02/2023



Material/Process

TRUCKWASH CONCENTRATE

HIGH HAZARD
LIQUID



Supplier SAFECEM LIMITED
 Keyword Cleaner (Alkali)
 Signal Word Danger

Method Pressure washing Area Outside Exposure 2 to 4 hours per shift Activity Comments

HIGH ACUTE RISK - FULL EXPOSURE HIGH CHRONIC RISK - FULL EXPOSURE

Control Measures HIGH ACUTE RISK - INDIVIDUAL ACTIVITY HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY



IMPERVIOUS OVERALLS

BUTYL OR NITRILE

PROTECTIVE FOOTWEAR

BS EN166

AND

LEV OR

FILTER TYPE P2

WASH AFTER EXPOSURE



IF SOILED



OR STORE WITH ACIDS



CLOSE ALL CONTAINERS



CORROSIVE

Health Hazards

Causes severe skin burns and eye damage
 Ingestion may be fatal if not treated promptly

REQUEST DETAILS #ID: 80923 **User making request** Clive Owen

MATERIAL DETAILS **Material Code:** 153429

Tradename: TRUCKWASH CONCENTRATE

HIGH UNCONTROLLED ACUTE RISK

HIGH UNCONTROLLED CHRONIC RISK

LOW CONTROLLED ACUTE/CHRONIC RISK

IMC **Supplier** SAFECHEM LIMITED

ACTIVITY DETAILS

Act No	Method	Area	Exposure
4	Pressure washing	Outside	2 to 4 hours per shift

SCENARIO DETAILS **Additional work practices:**

Approximately how much of the material is used by one person in one working day: 2 gallons **Frequency of use:** Daily **How many people are directly exposed?:** 1

Are any other people put at risk from indirect exposure?: No

Are there any susceptible workers?: No **Susceptible Categories:**

Work Area Code **Sub Area Code**

CS

Other Information

Considerations

Answer



Has the elimination or substitution of this material been considered?

Yes



Have you implemented the use of the engineering controls before resorting to the use of RPE?

Yes



Have users been informed, instructed and trained in the use of the relevant risk control measures?

Yes



Are all personnel provided with necessary RPE, suitably trained in its correct use, maintenance, and storage and been fit tested where required?

Yes



Are procedures to ensure the maintenance of controls in place?

Yes



Are procedures to conduct exposure monitoring in place?

Yes



Are specific records for inspection of control measures, exposure monitoring health and/or surveillance suitably maintained?

Yes



Are local area evacuation procedures in place in the event of a significant spillage of this product?

Yes



Have all actions to be taken in the event of an emergency been considered?

Yes



SAFETY DATA SHEET
TRUCKWASH CONCENTRATE.

Page: 1

Compilation date: 22/01/20

Revision No: 2

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

1.1. Product identifier

Product name: TRUCKWASH CONCENTRATE.

Product code: PN0455

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

1.3. Details of the supplier of the safety data sheet

Company name: Safechem Limited
Drum House
Drum Industrial Estate
Birtley
Durham
DH2 1SR
Tel: 0191 4108668
Fax: 0191 4102934
Email: www.safechem.co.uk

1.4. Emergency telephone number

Emergency tel: 01914108668

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Skin Corr. 1A: H314

Most important adverse effects: Causes severe skin burns and eye damage.

2.2. Label elements

Label elements:

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

Hazard pictograms: GHS05: Corrosion



Signal words: Danger

Precautionary statements: P264: Wash hands thoroughly after handling.
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.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

[cont...]

SAFETY DATA SHEET

TRUCKWASH CONCENTRATE.

Page: 2

P312: Call a POISON CENTRE or doctor 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.
P306+P360: IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P501: Dispose of contents/container to specialist waste collector.
P102: Keep out of reach of children.

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

CHELATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	3794-83-0	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315	10-20%

SODIUM HYDROXIDE

215-185-5	1310-73-2	-	Skin Corr. 1A: H314	1-10%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

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. Seek medical advice if symptoms persist.

Inhalation: Remove to fresh air Seek medical attention if recovery is not rapid or complete.

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: There may be pain and redness. The eyes may water profusely.

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

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.

[cont...]

SAFETY DATA SHEET
TRUCKWASH CONCENTRATE.

Page: 3

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.

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

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: Absorb into dry earth or sand. 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.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

[cont...]

SAFETY DATA SHEET
TRUCKWASH CONCENTRATE.

Page: 4

8.1. Control parameters

Hazardous ingredients:

SODIUM HYDROXIDE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	2 mg/m3	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

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

Respiratory protection: Do not breathe vapour, or spray

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: Pale yellow

Odour: Barely perceptible odour

Solubility in water: Miscible

Relative density: 1.18

pH: 14.0

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.

[cont...]

SAFETY DATA SHEET
TRUCKWASH CONCENTRATE.

Page: 5

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:

CHELATE

DERMAL	RAT	LD50	>5000	mg/kg
ORAL	RAT	LD50	>2850	mg/kg

SODIUM HYDROXIDE

IPR	MUS	LD50	40	mg/kg
ORL	RBT	LDLO	500	mg/kg

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

Eye contact: There may be pain and redness. The eyes may water profusely.

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

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:

CHELATE

Daphnia magna	48H EC50	527	mg/l
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12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

[cont...]

SAFETY DATA SHEET
TRUCKWASH CONCENTRATE.

Page: 6

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.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Do not mix with other chemicals. 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.

Section 14: Transport information

14.1. UN number

UN number: UN1824

14.2. UN proper shipping name

Shipping name: SODIUM HYDROXIDE SOLUTION

14.3. Transport hazard class(es)

Transport class: 8

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

[cont...]

SAFETY DATA SHEET
TRUCKWASH CONCENTRATE.

Page: 7

Section 16: Other information

Other information

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

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

Phrases used in s.2 and s.3: H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

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.

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