



## SAFETY DATA SHEET STYCCOCLEAN C140

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

#### 1.1. Product identifier

Product name	STYCCOCLEAN C140
Product number	F3773
Internal identification	SCC140FC/12

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

Identified uses	Water based cleaner
Uses advised against	None

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

Supplier	F.Ball and Co. Ltd. Churnetside Business Park, Station Road, Cheddleton, Leek, Staffordshire. ST13 7RS Tel: 01538 361633 Mon-Fri 8.30am-5.00pm (Exc Bank Holidays) Fax: 01538 361622 E.mail: msds@f-ball.co.uk
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#### 1.4. Emergency telephone number

Emergency telephone	01538 361633 Mon-Fri 8.30am - 5.00pm (excluding Bank Holidays)
National emergency telephone number	UK - National Poisons Information Service Call 111 Ireland - National Poisons Information Centre Call +353 1 809 2166

### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards	Not Classified
Human health	Irritating to skin. Product has a defatting effect on skin. May cause serious eye damage.
Environmental	The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

#### 2.2. Label elements

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### Hazard pictograms



<b>Signal word</b>	Danger
<b>Hazard statements</b>	H315 Causes skin irritation. H318 Causes serious eye damage.
<b>Precautionary statements</b>	P264 Wash contaminated skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P313 Get medical advice/ attention.
<b>Contains</b>	POTASSIUM SILICATE, C9-C11 ALCOHOL ETHOXYLATE, HEXYL D-GLUCOSIDE, POTASSIUM HYDROXIDE

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>POTASSIUM SILICATE</b> <span style="float: right;"><b>10-30%</b></span> CAS number: 1312-76-1                      REACH registration number: 01-2119456888-17-0000
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335
<b>TETRAPOTASSIUM PYROPHOSPHATE</b> <span style="float: right;"><b>1-5%</b></span> CAS number: 7320-34-5                      EC number: 230-785-7                      REACH registration number: 01-2119489369-18-0000
<b>Classification</b> Eye Irrit. 2 - H319
<b>FATTY ACID SULPHONATE</b> <span style="float: right;"><b>1-5%</b></span> CAS number: —
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

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<b>HEXYL D-GLUCOSIDE</b>	<b>1-5%</b>
CAS number: 54549-24-5	EC number: 259-217-6
	REACH registration number: 01-2119492545-29-xxxx
<b>Classification</b>	
Eye Dam. 1 - H318	
<b>C9-C11 ALCOHOL ETHOXYLATE</b>	<b>1-5%</b>
CAS number: 68439-46-3	
<b>Classification</b>	
Eye Dam. 1 - H318	
<b>POTASSIUM HYDROXIDE</b>	<b>1-5%</b>
CAS number: 1310-58-3	EC number: 215-181-3
<b>Classification</b>	
Met. Corr. 1 - H290	
Acute Tox. 4 - H302	
Skin Corr. 1A - H314	
Eye Dam. 1 - H318	

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

**Composition comments**      An aqueous solution of alkalies, surfactants and saponifier with trace sequestriant and odoriser

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Remove affected person from source of contamination.
<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting. Get medical attention immediately.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Skin irritation.
<b>Eye contact</b>	Causes serious eye damage.

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

**Notes for the doctor**      Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

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

**Specific hazards** No unusual fire or explosion hazards noted.

**Hazardous combustion products** Does not decompose when used and stored as recommended.

#### 5.3. Advice for firefighters

**Protective actions during firefighting** No specific firefighting precautions known.

**Special protective equipment for firefighters** Wear chemical protective suit.

### SECTION 6: Accidental release measures

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

**Personal precautions** Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

#### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Contain and absorb spillage with sand, earth or other non-combustible material. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Collect spillage in containers, seal securely and deliver for disposal as hazardous waste.

#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Provide adequate ventilation. Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented.

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

**Storage precautions** Keep separate from food, feedstuffs, fertilisers and other sensitive material. Protect from freezing and direct sunlight. Store in closed original container at temperatures between 5°C and 30°C.

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

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

POTASSIUM HYDROXIDE

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Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

Occupational Exposure Limit Value (15-minute reference period) 2mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

### TETRAPOTASSIUM PYROPHOSPHATE (CAS: 7320-34-5)

#### DNEL

Consumer - Inhalation; Long term systemic effects: 10.87 mg/m<sup>3</sup>

Workers - Inhalation; Long term systemic effects: 44.08 mg/m<sup>3</sup>

#### PNEC

- Fresh water; 0.05 mg/l

- marine water; 0.005 mg/l

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation.

#### Personal protection

Always check applicability with your supplier of protective equipment.

#### Eye/face protection

The following protection should be worn: Chemical splash goggles.

#### Hand protection

Wear protective gloves. Nitrile gloves to BSEN374 are recommended. Break through times can vary depending on thickness, use and source. Change gloves regularly.

#### Other skin and body protection

Wear apron or protective clothing in case of contact.

#### Hygiene measures

Provide eyewash station. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes wet or contaminated.

#### Respiratory protection

No specific recommendations.

### SECTION 9: Physical and chemical properties

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

Appearance	Clear, yellowish liquid.
Odour	Pine
Odour threshold	Not determined.
pH	pH (concentrated solution): 13.5 approx
Melting point	Not applicable.
Initial boiling point and range	Not determined.
Flash point	Not applicable.
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.

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<b>Other flammability</b>	Not applicable.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1.12 - 1.15 approx @ 20°C
<b>Bulk density</b>	Not determined.
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	Not applicable.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	Not applicable.
<b>Viscosity</b>	13 approx cP @ 20°C
<b>Explosive properties</b>	Not applicable.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Not applicable.
<b>Comments</b>	Information given is applicable to the product in its ready-to-use form.

### 9.2. Other information

<b>Other information</b>	None.
<b>Refractive index</b>	Not determined.
<b>Particle size</b>	Not applicable.
<b>Molecular weight</b>	Not determined.
<b>Volatility</b>	Not determined.
<b>Saturation concentration</b>	Not applicable.
<b>Critical temperature</b>	Not determined.
<b>Volatile organic compound</b>	Not determined.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid freezing.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	Acids.
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### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** No specific test data are available.

**ATE oral (mg/kg)** 44,603.03

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** No specific test data are available.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** No specific test data are available.

#### Skin corrosion/irritation

**Skin corrosion/irritation** Skin irritation.

**Animal data** No specific test data are available.

**Human skin model test** No specific test data are available.

**Extreme pH** No specific test data are available.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Corrosivity to eyes is assumed.

#### Respiratory sensitisation

**Respiratory sensitisation** Not sensitising.

#### Skin sensitisation

**Skin sensitisation** Not sensitising.

#### Carcinogenicity

**Carcinogenicity** Does not contain any substances known to be carcinogenic.

**IARC carcinogenicity** Not listed.

#### Reproductive toxicity

**Reproductive toxicity - fertility** Does not contain any substances known to be toxic to reproduction.

**Reproductive toxicity - development** Does not contain any substances known to be toxic to reproduction.

#### Specific target organ toxicity - single exposure

**STOT - single exposure** Not classified as a specific target organ toxicant after a single exposure.

#### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

#### Aspiration hazard

**Aspiration hazard** Not relevant.

**General information** No specific health hazards known.

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<b>Inhalation</b>	May cause some discomfort in poorly ventilated areas.
<b>Ingestion</b>	Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.
<b>Skin contact</b>	Irritating to skin. Prolonged contact may cause redness, irritation and dry skin.
<b>Eye contact</b>	Risk of serious damage to eyes.
<b>Route of exposure</b>	Skin and/or eye contact
<b>Target organs</b>	Eyes Skin
<b>Medical symptoms</b>	Skin irritation. Irritation of eyes and mucous membranes.
<b>Medical considerations</b>	Skin disorders and allergies. Pre-existing eye problems.

### Toxicological information on ingredients.

#### TETRAPOTASSIUM PYROPHOSPHATE

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 2240 mg/kg, Oral, Rat

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> > 4640 mg/kg, Dermal, Rabbit

#### POTASSIUM HYDROXIDE

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 333.0

**Species** Rat

### **SECTION 12: Ecological information**

**Ecotoxicity** The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

#### 12.1. Toxicity

**Toxicity** Not measured. Do not allow to enter waterways or drains

##### Acute aquatic toxicity

**Acute toxicity - fish** Not determined

**Acute toxicity - aquatic invertebrates** Not determined.

**Acute toxicity - aquatic plants** Not determined.

**Acute toxicity - microorganisms** Not determined.

**Acute toxicity - terrestrial** Not determined.

##### Chronic aquatic toxicity

**Chronic toxicity - fish early life stage** Not determined.

**Short term toxicity - embryo and sac fry stages** Not determined.



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**Chronic toxicity - aquatic invertebrates** Not determined.

### Ecological information on ingredients.

#### TETRAPOTASSIUM PYROPHOSPHATE

##### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: > 100 mg/l, Oncorhynchus mykiss (Rainbow trout)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: > 100 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: > 100 mg/l, Desmodemus subspicatus

### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

**Phototransformation** Not determined.

**Stability (hydrolysis)** Not determined.

**Biodegradation** Not determined.

**Biological oxygen demand** Not determined.

**Chemical oxygen demand** Not determined.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not applicable.

### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

**Adsorption/desorption coefficient** Not determined.

**Henry's law constant** Not determined.

**Surface tension** Not determined.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

**Disposal methods** Should be disposed of as hazardous waste via a licensed waste operator.

## **SECTION 14: Transport information**

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

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Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## SECTION 15: Regulatory information

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

<b>National regulations</b>	Control of Substances Hazardous to Health Regulations 2002 (as amended).
<b>Guidance</b>	Workplace Exposure Limits EH40. Safety Data Sheets for Substances and Preparations.
<b>Authorisations (Annex XIV Regulation 1907/2006)</b>	No specific authorisations are known for this product.
<b>Restrictions (Annex XVII Regulation 1907/2006)</b>	No specific restrictions on use are known for this product.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

<b>General information</b>	F.Ball and Company Ltd Technical Datasheet.
<b>Key literature references and sources for data</b>	Health and Safety Executive Guidance Note EH40 (amended annually). Workplace Exposure Limits.
<b>Revision comments</b>	Section 2: update. Section 3: update.
<b>Revision date</b>	23/01/2018
<b>Revision</b>	12
<b>Supersedes date</b>	28/07/2016
<b>SDS status</b>	Approved.

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### Hazard statements in full

H290 May be corrosive to metals.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.