



## SAFETY DATA SHEET FLUOROSEAL CF

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

#### 1.1. Product identifier

**Product name** FLUOROSEAL CF

**Product number** B130

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

**Identified uses** Fluoroseal CF is a dual function carpet & upholstery protector based on cationic fluoropolymer technology for durable soil and stain resistance. Fluoroseal CF is suitable for use on most carpets and fabrics, subject to pre-testing and assessment. WOOLSAFE Approved protector for wool carpets and rugs.

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

**Supplier** www.prochem.co.uk  
Prochem Europe Ltd  
Oakcroft Road  
Chessington  
Surrey  
KT9 1RH

Telephone: 020 8974 1515  
Fax: 020 8974 1511  
sales@prochem.co.uk

#### 1.4. Emergency telephone number

**Emergency telephone** 020 8974 1515 (office hours 8am to 5pm Monday to Friday) Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department, who may seek advice from the UK National Poisons Information Service, where our full product details are held.

### SECTION 2: Hazards identification

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

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

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

**Human health** May be slightly irritating to skin and eyes. Non-irritant when dry. Spray/mists may cause respiratory tract irritation. May be harmful to the respiratory system. Inhalation of aerosol or fine spray mist may cause serious respiratory problems. Ingestion may cause: nausea irritation

**Environmental** The product is expected to be biodegradable.

#### 2.2. Label elements

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<b>Hazard statements</b>	NC Not Classified
<b>Precautionary statements</b>	P102 Keep out of reach of children. P260 Do not breathe spray. P284 Wear respiratory protection. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. 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.

### 2.3. Other hazards

See section 8 for details of exposure limits.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Propane-1,2-diol</b>	<b>1-5%</b>
CAS number: 57-55-6	EC number: 200-338-0
Substance with National workplace exposure limits.	
<b>Classification</b>	
Not Classified	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention. Show this Safety Data Sheet to the medical personnel.

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

<b>Inhalation</b>	May be harmful to the respiratory system.
<b>Eye contact</b>	May irritate eyes and skin.

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

<b>Specific treatments</b>	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Water spray, dry powder or carbon dioxide.
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### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	No unusual fire or explosion hazards noted.
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**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Hydrogen fluoride (HF).

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### 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** Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Wear protective clothing as described in Section 8 of this safety data sheet. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Important - Do not aerosolise or produce fine spray mists or respirable particles. Provide adequate ventilation.

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

**Storage precautions** Keep out of the reach of children. Store in closed original container at temperatures between 5°C and 30°C. Store away from the following materials: Oxidising materials. Protect from freezing and direct sunlight.

### 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

##### **Propane-1,2-diol**

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> particulate

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m<sup>3</sup> total vapour and particulates

WEL = Workplace Exposure Limit

### 8.2. Exposure controls

#### **Protective equipment**



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<b>Appropriate engineering controls</b>	Provide adequate ventilation. Important - Do not aerosolise or produce fine spray mists or respirable particles. Avoid inhalation of vapours and spray/mists.
<b>Eye/face protection</b>	Side shield safety glasses are recommended when handling this product.
<b>Hand protection</b>	Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber. Protective gloves should be inspected for wear before use and replaced regularly in accordance with the manufacturers specifications.
<b>Hygiene measures</b>	Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.
<b>Respiratory protection</b>	During spraying wear suitable respiratory equipment. Wear a respirator fitted with the following cartridge: Particulate filter, type P2.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Opaque liquid.
<b>Colour</b>	Tan. White.
<b>Odour</b>	Acrylic.
<b>pH</b>	pH (concentrated solution): 4
<b>Initial boiling point and range</b>	100°C
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1.0
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Not applicable.

#### 9.2. Other information

<b>Other information</b>	None.
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### 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

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**Possibility of hazardous reactions** Not determined.

### 10.4. Conditions to avoid

**Conditions to avoid** Store in closed original container at temperatures between 5°C and 30°C. Protect from freezing and direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid** Contact with detergents or other chemicals will interfere with product performance. Strong oxidising agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Hydrogen fluoride (HF).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** May be harmful if inhaled. Spray/mists may cause respiratory tract irritation. Inhalation of aerosol or fine spray mist may cause serious respiratory problems. May be harmful if aspirated into lungs. Product is acidic and may be mildly corrosive to mucous membranes. Ingestion may cause: nausea irritation

#### Skin corrosion/irritation

**Skin corrosion/irritation** Prolonged or repeated exposure may cause the following adverse effects:; Skin irritation.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Eye contact may cause: Mild transient irritation.

#### Skin sensitisation

**Skin sensitisation** None known.

#### Germ cell mutagenicity

**Genotoxicity - in vivo** No effects expected based upon current data.

#### Carcinogenicity

**Carcinogenicity** No effects expected based upon current data.

#### Reproductive toxicity

**Reproductive toxicity - fertility** No effects expected based upon current data.

## SECTION 12: Ecological Information

### 12.1. Toxicity

**Toxicity** The product is not expected to be hazardous to the environment. The following values are provided for the fluorocarbon polymer contained in this product.

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: > 100 mg/l,

### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

**Biodegradation** The following values are provided for the fluorocarbon polymer contained in this product.

**Biological oxygen demand** 0.25 g O<sub>2</sub>/g substance

**Chemical oxygen demand** 0.81 g O<sub>2</sub>/g substance

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### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not known.

**Partition coefficient** Not determined.

### 12.4. Mobility in soil

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

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Empty containers should be rinsed with water then crushed and disposed of at legal waste disposal site.

## SECTION 14: Transport information

### 14.1. UN number

Not classified for transportation.

### 14.2. UN proper shipping name

None.

### 14.3. Transport hazard class(es)

**ADR/RID class** -

**IMDG class** -

### 14.4. Packing group

None.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

None.

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

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78**

**and the IBC Code**

## SECTION 15: Regulatory information

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

**National regulations** The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

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### EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>General information</b>	Telephone 020 8974 1515
<b>Revision date</b>	03/05/2017
<b>Revision</b>	1
<b>SDS number</b>	20482
<b>Signature</b>	Aaron Saunders

For additional information on safety, training and use of this product, contact the supplier. This product is intended for professional use only. The information given is intended to be of assistance to users but is without guarantee. Variations can occur in application and users are advised to conduct their own tests. Suggestions for use neither give nor imply any guarantee as to the intended use.