

## Centrecoat R06 BR Roof Cleaner

Compilation date: 21/01/2020 Revision No: 1 Page: 1

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name:** Centrecoat R06 BR Roof Cleaner**Product code:** R314**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** Biocidal cleaner for roofs and walls.**1.3. Details of the supplier of the safety data sheet****Company name:** Promain UK Limited

Promain House

C1 Pierson Court

Hitchin, Hertfordshire

SG4 0TY

**Tel:** +44 (0) 1462 421333**Email:** info@promain.co.uk**1.4. Emergency telephone number****Emergency tel:** +44 (0) 1462 421333 (office hours only)**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** Aquatic Chronic 1: H410; Acute Tox. 4: H302; Skin Corr. 1B: H314**Most important adverse effects:** Harmful if swallowed. Causes severe skin burns and eye damage. Very toxic to aquatic life with long lasting effects.**2.2. Label elements****Label elements:****Hazard statements:** H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H410: Very toxic to aquatic life with long lasting effects.

**Hazard pictograms:** GHS05: Corrosion

GHS07: Exclamation mark

GHS09: Environmental



## SAFETY DATA SHEET

Centrecoat R06 BR Roof Cleaner

Page: 2

**Signal words:** Danger

**Precautionary statements:** P102: Keep out of reach of children.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash hands, forearms and face thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331+P310: IF SWALLOWED: rinse mouth. Do NOT induce vomiting..

Immediately call a POISON CENTER or doctor.

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.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P315: Get immediate medical advice/attention.

P363: Wash contaminated clothing before reuse.

P391: Collect spillage.

P405: Store locked up.

P501: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

**Hazardous ingredients:**

DIDECYLDIMETHYLAMMONIUM CHLORIDE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
230-525-2	7173-51-5	-	Acute Tox. 4: H302; Skin Corr. 1B: H314	15-50%

[cont...]

## SAFETY DATA SHEET

Centrecoat R06 BR Roof Cleaner

Page: 3

ETHANOL

200-578-6	64-17-5	Substance with a Community workplace exposure limit.	Flam. Liq. 2: H225	3-7%
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### 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. Seek medical attention if irritation persists after washing

**Eye contact:** Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention. Rinse immediately with plenty of water.

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Obtain immediate medical attention

**Ingestion:** Do not induce vomiting. Provided the patient is conscious, wash out mouth with water and give 200 - 300 ml (half a pint) of water to drink. Obtain immediate medical attention.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Get medical attention if symptoms are severe or persist.

#### 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 irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

**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:** Obtain special instructions from the Poison Information Centre 0844 892 0111 (UK Only)

If swallowed, gastric irrigation with activated carbon.

Rinse eyes thoroughly with physiological saline.

### Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

**Extinguishing media:** Water spray jet. Dry chemical powder. Use alcohol resistant foam, carbon-dioxide(CO2).

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

**Exposure hazards:** In case of fire, toxic incineration products may be released such as:

Nitrogen oxides (NOx)

Carbon monoxide (CO)

Hydrogen chloride (HCl)

[cont...]

# SAFETY DATA SHEET

## Centrecoat R06 BR Roof Cleaner

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. Collect contaminated fire fighting water separately. It must not enter drains.

## Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

### 6.2. Environmental precautions

**Environmental precautions:** Contain the spillage using bunding. Do not allow to enter drains, sewers or watercourses. Do not allow ANY environmental contamination. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

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

**Clean-up procedures:** Do not flush away with water. Take up mechanically and dispose of according to local/state/federal regulations. For small amounts absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulation. Contain larger amounts and pump up into containers. Exhaust vapours. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Provide adequate ventilation.

Decontamination procedure: Quats are incompatible with anionic compounds. If product is released unintentionally into waste water, drain the contaminated waste water and collect it in an appropriate container. Adjust with sodium lauryl sulphate solution (concentration twice as high as the active ingredient in the waste water) to a mixture ratio of 1:1. Request further instructions from the supplier. Polluted surfaces can be decontaminated with a 10% sodium lauryl sulphate solution.

### 6.4. Reference to other sections

**Reference to other sections:** Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11 for additional information on health hazards. Collect and dispose of spillages as indicated in Section 13.

## 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.

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# SAFETY DATA SHEET

Centrecoat R06 BR Roof Cleaner

Page: 5

Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools. Clean contaminated work equipment immediately to avoid skin corrosion/irritation and/or allergic skin reaction in case of unconscious skin contact.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

**Suitable packaging:** Must only be kept in original packaging.

## 7.3. Specific end use(s)

**Specific end use(s):** Removes and kills Algae

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

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

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Solvent resistant protective gloves Thickness: 0.4mm; break through time: 480;material:Nitrile; permeation: level6 Check during use that the gloves are still retaining their protective properties.

**Eye protection:** Safety glasses. Ensure eye bath is to hand. Wear eye/face protection. Wear approved chemical safety goggles at all times. Ensuring they are tightly fitted. Face-shield.

**Skin protection:** Impermeable protective clothing.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Light Blue

**Odour:** Faint Odour

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** Fully miscible

**Viscosity:** No data available.

**Boiling point/range°C:** 100

**Melting point/range°C:** No data available.

**Flammability limits %: lower:** No data available.

[cont...]

# SAFETY DATA SHEET

Centrecoat R06 BR Roof Cleaner

Page: 6

**Flash point°C:** >41  
**Autoflammability°C:** No data available.  
**Relative density:** No data available.  
**VOC g/l:** No data available.

**upper:** No data available.  
**Part.coeff. n-octanol/water:** No data available.  
**Vapour pressure:** 60hPa  
**pH:** 5 - 7

## 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. Stable at room temperature.

### 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. Hot surfaces. Sources of ignition. Flames.

### 10.5. Incompatible materials

**Materials to avoid:** Anionic Compounds

### 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:**

#### DIDECYLDIMETHYLAMMONIUM CHLORIDE

IPR	RAT	LD50	45	mg/kg
ORL	MUS	LD50	268	mg/kg

#### ETHANOL

IVN	RAT	LD50	1440	mg/kg
ORL	MUS	LD50	3450	mg/kg
ORL	RAT	LD50	7060	mg/kg

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## SAFETY DATA SHEET

Centrecoat R06 BR Roof Cleaner

Page: 7

### Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
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 irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

**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/vPvB 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.

## Section 14: Transport information

[cont...]

## SAFETY DATA SHEET

Centrecoat R06 BR Roof Cleaner

Page: 8

### 14.1. UN number

UN number: UN1760

### 14.2. UN proper shipping name

Shipping name: CORROSIVE LIQUID N.O.S  
(DIDECYLDIMETHYLAMMONIUM CHLORIDE)

### 14.3. Transport hazard class(es)

Transport class: 8

### 14.4. Packing group

Packing group: II

### 14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

### 14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 2

## Section 15: Regulatory information

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

Specific regulations: Not applicable.

### 15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

Phrases used in s.2 and s.3: H225: Highly flammable liquid and vapour.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H410: Very toxic to aquatic life with long lasting effects.

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.