

Issue date: 03/12/2024

Section 1 Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Dow Corning DC4 grease.

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

Insulating grease for electrical applications.

1.3. Details of the supplier of the safety data sheet**Company information**Prysmian Cables and Systems Ltd
Oak Road, Wrexham Industrial Estate,
Wrexham LL13 9PHPrysmian Cavi e Sistemi Italia S.r.l.
Via Chiese 6
20126 – Milano
Italy**Telephone**

+44 (0) 1978 66 2375

Emailsa.clpsd01gb@prysmiangroup.com**1.4. Emergency telephone number****Emergency telephone number**

+44 (0)1978 66 2216

Poison Centre Information

Country	Organisation	Address	Contact No.
United Kingdom	National Poisons Information Service (Birmingham)	National Poisons Information Service, City Hospital, Dudley Road, B18 7QH, England	0344 892 0111*
Republic of Ireland	Poisons Information Centre of Ireland	National Poisons Information Centre, Beaumont Hospital, Beaumont Road, Dublin 9, Ireland	01 809 2166 01 837 9964*
France	French National Products and Composition Database (B.N.P.C.); French Poison and Toxicovigilance Centre Network	Centre Antipoison de Nancy, CHRU de Nancy, Hôpital Central, 29 av. de Lattre de Tassigny, 54000 NANCY, France	+33 3 83 85 21 92
Germany	BfR Bundesinstitut für Risikobewertung	Max-Dohrn-Str. 8-10, 10589 Berlin	+49 30 18412 0
Italy	Istituto Superiore di Sanità (ISS)	Viale Regina Elena 299, Rome, Italy	
Spain	Instituto Nacional de Toxicología y Ciencias Forenses (INTCF)	Calle José Echegaray 4, 28032 Las Rozas de Madrid, Madrid, Spain	+34 917689800

* For use by healthcare professionals only.

Section 2 Hazards identification

This product is a mixture.

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008 (EU "CLP" Regulation):
Not classified as hazardous.

2.2. Label elements

Labelling according to Regulation (EC) 1272/2008 (EU "CLP" Regulation):
Labelling not required.

2.3. Other hazards

This mixture does not contain any REACH registered substances that are assessed to be a PBT or a vPvB. The mixture does not contain substances identified as having endocrine disrupting properties.

Section 3 Composition / information on ingredients

This product is a mixture. No hazardous ingredients.

Section 4 First aid measures**4.1. Description of first aid measures**

General information: No first aid should be needed.

Skin Contact: No first aid should be needed.

Eye Contact: No first aid should be needed.

Inhalation: No first aid should be needed.

Ingestion: No first aid should be needed.

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

No specific effects and/or symptoms have been reported or are known.

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

No data available.

Section 5 Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media: On large fires use dry powder, foam or water mist. On small fires use carbon dioxide, dry powder or water spray. Water can be used to cool containers exposed to fire.

5.2. Special hazards arising from the substance or mixture

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Silica, carbon oxides, formaldehyde.

5.3. Advice for firefighters

Wear self-contained breathing apparatus.

Section 6 Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel**

No specific precautions.

6.1.2. For emergency responders

No specific precautions.

6.2. Environmental precautions

Do not allow large quantities to enter drains or surface water.

6.3. Methods and material for containment and cleaning up

Scrape up and transfer to sealed container suitable for disposal. Spilled product presents a slip hazard.

6.4. Reference to other sections

See Section 13 for disposal information.

Section 7 Handling and storage**7.1. Precautions for safe handling**

Avoid eye contact. General ventilation is recommended. Do not empty into drains.

7.2. Conditions for safe storage, including any incompatibilities

Do not store with oxidising agents. Recommended storage temperature range: 0 °C to 32 °C.

7.3. Specific end use(s)

See Section 1.2

Section 8 Exposure controls / personal protection**8.1. Control parameters**

No occupational exposure limits have been assigned to this material.

8.2. Exposure controls**8.2.1. Appropriate engineering controls**

Observe normal safety and hygiene standards.

8.2.2. Individual protection measures

Eye protection: Wear safety glasses.
Skin protection: Wear gloves.

8.2.3. Environmental exposure controls

Do not allow large quantities to enter drains or surface water.

Section 9 Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Viscous grease
Colour:	Translucent
Odour:	Slight
Odour threshold:	No data available
Melting point:	Not applicable
Freezing point:	Not applicable
Boiling point:	Not applicable
Flammability:	No data available
Lower explosion limit:	No data available
Upper explosion limit:	No data available
Flash point:	> 300 °C
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH:	Not applicable
Viscosity, kinematic:	No data available
Solubility:	Insoluble in water
Partition coefficient n-octanol/water: (Log K _{ow}):	Not applicable
Vapour pressure:	Not applicable
Vapour pressure at 50°C	Not applicable
Density:	> 1 g/cm ³ at 20 °C
Relative density:	Not applicable
Relative vapour density at 20°C	Not applicable
Particle characteristics	Does not contain nanomaterials

9.2. Other information**9.2.1. Information with regard to physical hazard classes**

No additional information available.

9.2.2. Other safety characteristics

No additional information available.

Section 10 Stability and reactivity**10.1. Reactivity**

Not reactive to materials commonly used in the transportation, handling and storage of industrial materials.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Can react with strong oxidising agents.

10.6. Hazardous decomposition products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Silica, carbon oxides, formaldehyde.

Section 11 Toxicological information**11.1. Information on toxicological effects**

Acute Toxicity:	Data not available
Skin corrosion/irritation:	Data not available
Serious eye damage/irritation:	Data not available
Sensitisation data:	Data not available
Germ cell mutagenicity	Data not available
Carcinogenicity	Data not available
Reproductive toxicity	Data not available
STOT-single exposure	Data not available
STOT-repeated exposure	Data not available
Aspiration hazard	Data not available

11.2. Information on other hazards

The mixture does not contain substances identified as having endocrine disrupting properties.

Section 12 Ecological information**12.1. Toxicity**

No adverse effects on aquatic organisms are predicted.

12.2. Persistence and degradability

Solid material, insoluble in water. No adverse effects are predicted.

12.3. Bioaccumulative potential

This product is not expected to bioaccumulate.

12.4. Mobility in soil

Solid product with reduced mobility. No adverse effects are predicted.

12.5. Results of PBT and vPvB assessment

This mixture does not contain any REACH registered substances that are assessed to be a PBT or a vPvB.

12.6. Endocrine disrupting properties

The mixture does not contain substances identified as having endocrine disrupting properties.

12.7. Other adverse effects

No data available

Section 13 Disposal considerations**13.1. Waste treatment methods**

Product:	In accordance with the approval of the responsible local authority.
Packaging:	In accordance with the approval of the responsible local authority.

Section 14 Transport information**14.1. UN number or ID number**

Not regulated under transport regulation.

14.2. UN proper shipping name

Not regulated under transport regulation.

14.3. Transport hazard class

Not regulated under transport regulation.

14.4. Packing group

Not regulated under transport regulation.

14.5. Environmental hazards

Not regulated under transport regulation.

14.6. Special precautions for user

None identified.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

Section 15 Regulatory information

This Safety Data Sheet has been prepared in accordance with the requirements of regulation (EC) No 1907/2006 as amended.

Labelling elements as classified under Regulation (EC) 1272/2008.

The Workplace exposure Limit given in Section 8 has been taken from the UK HSE document: EH40/2005 Workplace Exposure Limits as amended.

Additional relevant regulations:

Regulation (EC) 790/2009 First Adaptation to Technical Progress (ATP) for CLP regulation

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

None applicable.

15.2. Chemical safety assessment

A chemical safety assessment has not been undertaken for this mixture.

Section 16 Other information

This SDS (version 4.0) is the 4th version of this SDS for this product.

This information is believed to be accurate and represents the best information available to the company at this time. This information is provided as a guide to the hazards and respective safety precautions relevant to this product. This SDS does not represent any guarantee of performance or specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.