

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

1.1. Product identifier

Product name : SIL GEL 100G Tube

Product No. : PPC114

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

Identified uses : Grease.

Uses advised against : No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Premier Farnell
150 Armley Road
Leeds LS12 2QQ
Tel. : +44 (0) 870 129 8608

1.4. Emergency telephone number

+44 (0) 870 202530

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

Classification

Physical hazards : Not Classified

Health hazards : Not Classified

Environmental hazards : Not Classified

2.2. Label elements

Hazard statements : NC Not Classified

Precautionary statements : P102 Keep out of reach of children.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Composition comments : None of the ingredients are required to be listed.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information : Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

Inhalation : Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.

Ingestion : Rinse mouth thoroughly with water. Remove any dentures. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel.

	If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.
Skin contact	: Remove affected person from source of contamination. Rinse immediately with plenty of water.
Eye contact	: Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.
Protection of first aides	: First aid personnel should wear appropriate protective equipment during any rescue.

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

General information	: See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	: Prolonged inhalation of high concentrations may damage respiratory system.
Ingestion	: Gastrointestinal symptoms, including upset stomach. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation.
Skin contact	: Prolonged contact may cause dryness of the skin.
Eye contact	: May cause temporary eye irritation.

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

Notes for the doctor	: Treat symptomatically.
Specific treatments	: No special treatment required.

SECTION 5: Fire fighting measures

5.1. Extinguishing media

Suitable extinguishing media	: The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	: Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	: Containers can burst violently or explode when heated, due to excessive pressure build-up.
Hazardous combustion products	: Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

5.3. Advice for firefighters

Protective actions during fire fighting	: Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak.
Special protective equipment for firefighters	: Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage.

6.2. Environmental precautions

Environmental precautions : Avoid discharge to the aquatic environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Reuse or recycle products wherever possible. Absorb spillage to prevent material damage. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of contents/ container in accordance with national regulations.

6.4. Reference to other sections

Reference to other sections : For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions : Keep out of the reach of children. Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists.

Advice on general occupational hygiene

: Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions : No specific recommendations.

Storage class : Unspecified storage.

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

Ingredient comments : WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment



Appropriate engineering controls	: Provide adequate ventilation. Good general ventilation should be adequate to control worker exposure to airborne contaminants.
Eye/face protection	: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. The following protection should be worn: Chemical splash goggles.
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.
Other skin and body protection	: Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.
Hygiene measures	: Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.
Respiratory protection	: Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.
Environmental exposure controls	: Not regarded as dangerous for the environment.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	: Grease.
Colour	: Colourless.
Odour	: Not known.
Odour threshold	: No information available.
pH	: No information available.
Melting point	: No information available.
Initial boiling point and range	: No information available.
Flash point	: 300°C CC (Closed cup).
Evaporation rate	: No information available.
Evaporation factor	: No information available.
Flammability (solid, gas)	: No information available.
Upper/lower flammability or explosive limits	: No information available.
Other flammability	: No information available.
Vapour pressure	: No information available.
Vapour density	: No information available.
Relative density	: 1.00 @ @ 15°C
Bulk density	: No information available.

Solubility(ies)	: Insoluble in water.
Partition coefficient	: No information available.
Auto-ignition temperature	: No information available.
Decomposition Temperature	: No information available.
Viscosity	: No information available.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity : There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability : Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions : No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid : There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials to avoid : No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products : Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects : Not regarded as a health hazard under current legislation.

Other health effects : There is no evidence that the product can cause cancer.

Acute toxicity - oral

Notes (oral LD₅₀) : Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) : Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) : Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data : Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation : Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation : Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation : Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro : Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity : Based on available data the classification criteria are not met.

IARC carcinogenicity : None of the ingredients are listed or exempt.

Reproductive toxicity

Reproductive toxicity - fertility : Based on available data the classification criteria are not met.

Reproductive toxicity - development : Based on available data the classification criteria are not met.

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 : Based on available data the classification criteria are not met.

General information : No specific health hazards known. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation : Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion : Gastrointestinal symptoms, including upset stomach. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation.

Skin contact : Prolonged contact may cause dryness of the skin.

Eye contact : May cause temporary eye irritation.

Acute and chronic health hazards : No specific health hazards known. No specific acute or chronic health impact noted, but this chemical may still have adverse impact on human health, either in general or on certain individuals with pre-existing or latent health problems.

Route of entry : Ingestion Inhalation Skin and/or eye contact

Target organs : No specific target organs known.

SECTION 12: Ecological Information

Ecotoxicity : Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity : Based on available data the classification criteria are not met.

12.2. Persistence and degradability

Persistence and degradability : The degradability of the product is not known.

12.3. Bioaccumulative potential

Bioaccumulative potential : No data available on bioaccumulation.

Partition coefficient : No information available.

12.4. Mobility in soil

Mobility : No data available.

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

General information : The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

Disposal methods : Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority.

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

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 MARPOL73/78 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

National regulations	: Health and Safety at Work etc. Act 1974 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits.
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). Commission Regulation (EU) No 453/2010 of 20 May 2010. 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). Dangerous Preparations Directive 1999/45/EC. Dangerous Substances Directive 67/548/EEC.
Guidance	: Workplace Exposure Limits EH40.
Authorisations (Title VII Regulation 1907/2006)	: No specific authorisations are known for this product.
Restrictions (Title VIII Regulation 1907/2006)	: 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

Training advice	: Read and follow manufacturer's recommendations. Only trained personnel should use this material.
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Part Number

PPC114

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