



## Section 1. Product and Company Identification.

**1.1 Model Number;** SCS107 v1  
**1.2 Description;** Screw Type EP2 Lithium Grease Cartridge 400g

### 1.3 Manufacturer;

Sealey Group.  
 Kempson Way,  
 Bury St. Edmunds,  
 Suffolk.  
 IP32 7AR

**1.4 Emergency telephone number;** 44 (0) 1284 757 500 (Office Hours)

**Date of source compilation;** 30<sup>th</sup> March 2022

## Section 2. Hazards Identification.

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

Not classified

**2.2 Label elements.**

Not classified

**2.3 Other hazards.**

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

## Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Volume	Classification	
			Hazard Class & Category Code	Hazard Statements <sup>1</sup>
Distillates (Petroleum), hydrotreated heavy naphthenic	64742-52-5	70-100%	Carc. 1B	H350
Phosphorodithioic acid, O,O-bis(2-ethylhexyl and iso-BU and iso-Pr)esters, zinc salts	85940-28-9	1-2.5%	-	-
Calcium Carbonate	1317-65-3	<1%	-	-
Asphalt, oxidized	64742-93-4	<1%	-	-

<sup>1</sup>For full text of Statements, see Section 16.



## Section 4. First Aid Measures.

### 4.1 Description of first aid measures

#### Inhalation

Move the exposed person to fresh air.  
Keep the affected person warm and at rest.  
Loosen tight clothing such as collar, tie or belt.  
Get medical attention if any discomfort continues

#### Skin Contact

Rinse affected area with water.  
Get medical attention if any discomfort continues

#### Eye Contact

Remove any contact lenses if present and easy to do so.  
Wash eyes with plenty of water while lifting the eye lids.  
Get medical attention if any discomfort continues

#### Ingestion

Rinse mouth thoroughly with water.  
Get medical attention if any discomfort continues.

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

**Inhalation** - No specific symptoms known.

**Skin Contact** - Prolonged contact may cause dryness of the skin.

**Eye Contact** - No specific symptoms known. May be slightly irritating to eyes.

**Ingestion** - No specific symptoms known. May cause discomfort if swallowed

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

No data available

## Section 5. Fire Fighting Measures.

### 5.1. Extinguishing media

Alcohol-resistant foam, carbon dioxide or water fog.  
DO NOT USE water jet as an extinguisher, as this will spread the fire.

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

Thermal decomposition or combustion products may include the Oxides of carbon, nitrogen, phosphorus or sulphur.  
Harmful gases or vapour

### 5.3. Advice for fire-fighters

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 flame with water until well after the fire is out.  
Wear positive-pressure self-contained breathing apparatus and appropriate protective clothing. Firefighter's clothing will provide a basic level of protection for chemical incidents



## Section 6. Accidental Release Measures.

**6.1.** Personal precautions, protective equipment and emergency procedures  
No specific recommendations.

**6.2.** Environmental precautions  
The product contains a substance which is toxic to aquatic organisms.  
Avoid discharge into drains or watercourses or onto the ground.

**6.3.** Methods and material for containment and cleaning up  
Reuse or recycle products wherever possible.  
Collect spillage with a shovel and broom, or similar and reuse, if possible.  
Collect and place in suitable waste disposal containers and seal securely.  
Flush contaminated area with plenty of water.  
Wash thoroughly after dealing with a spillage.  
Dispose of contents/containers in accordance with national regulations.

**6.4.** Reference to other sections  
See Section 7 for information on Safe Handling  
See Section 8 for information of Personal Protective Equipment.  
See Section 13 for information on disposal.

## Section 7. Handling and Storage.

**7.1.** Precautions for safe handling  
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.  
Keep container tightly sealed when not in use.  
Wash promptly if skin becomes contaminated.  
Take off contaminated clothing.  
Wash contaminated clothing before reuse.

**7.2.** Conditions for safe storage, including any incompatibilities  
Store away from incompatible materials.

**7.3.** Specific end use(s)  
Intended for use as grease for the Model Number identified in 1.1 with Description stated in 1.2.



## Section 8. Exposure Controls/Personal Protection.

### 8.1. Control parameters

Workplace exposure limits.

Substance	CAS number	Workplace exposure limit.			
		Long term.		Short term.	
		ppm	mg.m <sup>3</sup>	ppm	mg.m <sup>3</sup>
Calcium Carbonate – inhalable dust	1317-65-3	-	10	-	-
Calcium Carbonate – respirable		-	4	-	-

### 8.2. Exposure controls

#### Appropriate Engineering Controls

No specific ventilation requirements

#### Eye/Face Protection

Large spillages: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

#### Skin Protection

Wear protective gloves.

Wear appropriate footwear and additional protective clothing complying with an approved standard.

Wash hands after use and before eating, smoking and using the bathroom.

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

#### Respiratory Protection

Provide adequate ventilation.

If ventilation is inadequate, suitable respiratory protection must be worn.

## Section 9. Physical and Chemical Properties.

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

**The following information is not a technical specification or sales specification.**

(a) Appearance:	Dark brown grease
(b) Odour:	Almost odourless
(c) Odour threshold;	No data available
(d) pH:	Not applicable
(e) Melting point/freezing point;	>180°C
(f) Initial boiling point and boiling range;	No data available
(g) Flash point;	>200°C
(h) Evaporation rate;	No data available
(i) Flammability (solid, gas);	No data available
(j) Upper/lower flammability or explosive limits;	No data available
(k) Vapour pressure;	No data available
(l) Vapour density;	No data available
(m) Relative density;	0.89 @ 25°C
(n) Solubility(ies);	Insoluble in water
(o) Partition coefficient: n-octanol/water;	No data available
(p) Auto-ignition temperature;	No data available
(q) Decomposition temperature;	No data available
(r) Viscosity;	150Cst @ 40°c
(s) Explosive properties;	Not considered to be explosive
(t) Oxidising properties.	No data available

### 9.2 Other information

No data available



## Section 10. Stability and Reactivity.

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

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

### 10.3. Possibility of hazardous reactions

No potentially hazardous reactions known.

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

Avoid contact with strong oxidising agents.

### 10.6. Hazardous decomposition products

Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include harmful gases or vapours, oxides of carbon, nitrogen, phosphorus or sulphur.

## Section 11. Toxicological Information.

### 11.1. Information on toxicological effects

No data available

## Section 12. Ecological Information.

### 12.1. Toxicity

	Acute Aquatic Toxicity		
	Fish	Aquatic Invertebrates	Aquatic Plants
<b>Distillates (Petroleum)</b>	LL <sub>50</sub> , 96 hours: >100mg/l	EC <sub>50</sub> , 96hours: >10000 mg/l	NOEC,72 hours: >100 mg/l
<b>Phosphorodithioic acid</b>	LC <sub>50</sub> , 96 hours: 4.5 mg/l NOEC, 96 hours: 1.8 mg/l	EC <sub>50</sub> , 48 hours: 5.4 mg/l NOEC, 48 hours: <1 mg/l	LC <sub>50</sub> , 96 hours: 2.1 mg/l
<b>Calcium Carbonate</b>	LC <sub>50</sub> , 96 hours: >10000 mg/l	EC <sub>50</sub> , 48 hours: >1000 mg/l,	EC <sub>50</sub> , 72 hours: >200 mg/l

**Distillates (Petroleum)** : Chronic toxicity – aquatic invertebrates : NOEC, 21 days : 10 mg/l

### 12.2. Persistence and degradability

#### **Distillates (Petroleum)**

Persistence – No data available

Biodegradation – Inherently biodegradable

#### **Phosphorodithioic acid**

Persistence – Not readily biodegradable

Biodegradation – OECD 301F – Degradation 1.5% : 28 days

#### **Calcium Carbonate**

This product contains only inorganic substances which are not biodegradable

### 12.3. Bioaccumulative potential

#### **Distillates (Petroleum)**

Partition coefficient – log Pow : 2 to 6

### 12.4. Mobility in soil

#### **Distillates (Petroleum)**

Adsorption/desorption coefficient – Estimated value. Highly mobile – log K<sub>ow</sub>: >3.0 @ °C

### 12.5. Results of PBT and vPvB assessment

This substance is not classified as PBT or vPvB according to current UK criteria

### 12.6. Other adverse effects

No data available



## Section 13. Disposal Considerations.

### 13.1. Waste treatment methods

Dispose of in accordance with local authority regulations.

## Section 14. Transport Information.

ADR. International Carriage of Dangerous Goods by Road.

Not regulated.

IATA. International Air Transport Association.

Not regulated.

IMDG. International Maritime Dangerous Goods.

Not regulated.

## Section 15. Regulatory Information.

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**  
Health and Safety at Work etc. Act 1974 (as amended).

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.

**15.2. Chemical safety assessment**

No data available

## Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;

The above information is believed to be accurate and represents the best information currently available.

No warranty is expressed or implied by the above information.

We assume no liability resulting from use of the above information.

The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	24/03/15	First issue.
2	10/03/17	Format only.
3	30/06/22	Whole document

End of Safety Data Sheet.