

## Section 1. Product and Company Identification.

**1.1 Model Number;** SAC2420E v4  
**1.2 Description;** 24L Direct Drive Air Compressor 230V 2hp  
 Air Compressor Oil

**1.3 Manufacturer;**  
 Jack Sealey Ltd. Jack Sealey (EU) Ltd  
 t/a Sealey Group. t/a Sealey Group.  
 Kempson Way, Farney Street,  
 Bury St. Edmunds, Carrickmacross,  
 Suffolk, Co. Monaghan,  
 IP32 7AR A81 PK68  
 UK Ireland

technicalcompliance@sealey.co.uk

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

**Date of source compilation;** 06/09/2024

## Section 2. Hazards Identification.

Not relevant to the Model Number identified in 1.1 with Description stated in 1.2.

## 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>
Hydrocarbon oils	8020-83-5	60 – 80 %	-	-
Zinc dialkyl dithiophosphate	68649-42-3	5 - 10 %	-	-
Polyisobutylene	9003-27-4	3 - 5 %	-	-
Ethylene propylene rubber	61789-00-2	2 - 5 %	-	-
Amine antioxidant	68921-45-9	1 - 2 %	-	-

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

## Section 4. First Aid Measures.

### 4.1 Description of first aid measures

#### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

#### Skin Contact

Remove and wash contaminated clothing and shoes.

Wash exposed portions of the skin with soap and water.

#### Eye Contact

Flush eyes with large amounts of water for 15 minutes while holding eyelids open.

Seek medical attention.

#### Ingestion

Seek medical attention.

Do not induce vomiting.

## Section 5. Fire Fighting Measures.

### 5.1. Extinguishing media

Foam, dry powder, carbon dioxide. Do not use water jet.

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

The product can form flammable mixtures or can burn only on heating above the flash point.

### 5.3. Advice for fire-fighters

Do not enter confined fire space without protective equipment.

Only use water only to cool fire exposed containers. Do not use water to fight fire.

## Section 6. Accidental Release Measures.

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

If handling hydraulic oil: Ensure there is adequate ventilation.

Use Personal Protective Equipment, see Section 8.

### 6.2. Environmental precautions

Do not empty into drains. Take up with absorbent material, e.g. sawdust, sand or vermiculite.

Place materials taken up into disposable container.

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

Soak up residue with absorbent such as sawdust, sand or vermiculite. Dispose of absorbent and contaminated soil in the same manner as the product.

### 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

Avoid contact with eyes and skin.

Ensure good ventilation in working area.

Keep away from heat and direct sunlight.

Keep receptacles tightly closed.

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

Store in dry place at room temperature.

Store only in original container.

Store way from foodstuffs.

Store away from oxidising agents.

Keep away from ignition sources.

### 7.3. Specific end use(s)

Intended for use as air compressor oil for the Model Numbers identified in 1.1 with Description stated in 1.2.

## Section 8. Exposure Controls/Personal Protection.

### Eye/Face Protection

Wear chemical goggles to prevent eye contact.

### Skin Protection

Use chemical-resistant gloves, if needed.

### Respiratory Protection

Not required under normal usage. If product is handled in such a way as to create a vapour or mist, an approved respirator should be used to prevent overexposure.

## 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:	Transparent oil.
(b) Odour:	Slight mineral oil.
(c) Odour threshold:	No information available.
(d) pH:	No information available.
(e) Melting point/freezing point;	No information available.
(f) Initial boiling point and boiling range;	>100°C
(g) Flash point;	≥ 150°C
(h) Evaporation rate;	No information available.
(i) Flammability (solid, gas);	No information available.
(j) Upper/lower flammability or explosive limits;	No information available.
(k) Vapour pressure;	No information available.
(l) Vapour density;	No information available.
(m) Relative density;	No information available.
(n) Solubility(ies);	Insoluble in water.
(o) Partition coefficient: n-octanol/water;	No information available.
(p) Auto-ignition temperature;	No information available.
(q) Decomposition temperature;	No information available.
(r) Viscosity;	41.4 ~ 50.6 mm <sup>2</sup> /s.
(s) Explosive properties;	No information available.
(t) Oxidising properties.	No information available.
(a) Appearance:	No information available.
(b) Odour:	No information available.
(c) Odour threshold:	No information available.
(d) pH:	≥ 8.5

### 9.2 Other information

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## Section 10. Stability and Reactivity.

<b>10.1.</b> Reactivity	No data available.
<b>10.2.</b> Chemical stability	Stable at normal temperatures and pressure.
<b>10.3.</b> Possibility of hazardous reactions	Hazardous polymerisation will not occur.
<b>10.4.</b> Conditions to avoid	Avoid heat, flames, spark and other sources of ignition. Avoid contact with incompatible material.
<b>10.5.</b> Incompatible materials	Strong oxidizing agents.
<b>10.6.</b> Hazardous decomposition products	Oxides of carbon and various hydrocarbons formed when burned.

## Section 11. Toxicological Information.

### 11.1. Information on toxicological effects

#### Ingestion

Ingestion may be fatal or may produce serious damage to the health of the individual. Swallowing of the liquid may cause aspiration of vomit into the lungs with the risk of haemorrhaging pulmonary oedema progressing to chemical pneumonitis. Serious consequences may result. Signs and symptoms of chemical (aspiration) pneumonitis may include: coughing, gasping, choking, burning of the mouth, difficult breathing and bluish coloured skin (cyanosis)

#### Eyes

Material produces severe ocular lesions which can present twenty four hours or more after contact.

#### Skin

The material produces moderate skin irritation.

Inflammation present twenty four hours or more after the end of the exposure period.

Irritation may also be present after prolonged or repeated exposure, this may result in contact dermatitis (nonallergic). Dermatitis is often characterised by skin redness (erythema) and swelling (oedema) which may progress to blistering (vesiculation) scaling and thickening of the epidermis.

Do not expose open cuts, abraded or irritated skin to this material.

Entry into the blood-stream through cuts, abrasions, puncture wounds or lesions may produce systemic injury with harmful effects. Ensure that skin is suitably protected

Material on the skin evaporates rapidly and may cause tingling, chilling and even temporary numbness.

#### Inhalation

Ensure adequate ventilation to keep exposure at minimum

## Section 12. Ecological Information.

12.1. Toxicity	No data available.
12.2. Persistence and degradability	No data available.
12.3. Bioaccumulative potential	No data available.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	No data available.
12.6. Other adverse effects	No data available.

## Section 13. Disposal Considerations.

### 13.1. Waste treatment methods

Disposal must be in accordance with local authority regulations.

## Section 14. Transport Information.

Product identified in 1.1 with description stated in 1.2 is not classified as hazardous for transport.

## Section 15. Regulatory Information.

**15.1.** Safety, health and environmental regulations/legislation specific for the substance or mixture  
No data available.

**15.2.** Chemical safety assessment

No data available.

## Section 16. Additional Information.

Full text of Statements used in Section 3;

Not applicable.

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	15/12/2025	First issue.

End of Safety Data Sheet.