
SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

- Product Name: HYDRAULIC OIL 32
- UFI:
- Product Part Number: A7D

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

- Use of the substance/mixture: Hydraulic fluid

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Pennine Lubricants Ltd
- Address of Supplier: 32 Atlas Way,
Sheffield
S4 7QQ
- Telephone: 0114 285 2987
- Responsible Person: Admin@penninelubricants.co.uk
- Email: Admin@penninelubricants.co.uk

1.4 Emergency telephone number

- Emergency Telephone: 0114 285 2987 (9am -5pm)
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SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

- Not classified as hazardous for supply
- CLP:

2.2 Label elements

- Signal Word:

2.2.1 Hazard statements**2.2.2 Precautionary statements****2.3 Other hazards**

SECTION 3: Composition/information on ingredients**3.2 Mixtures****3.2.1 Highly refined mineral oils hydrotreated**

SECTION 3: Composition/information on ingredients (....)

CAS Number: 64742-65-0

EC Number: 265-169-7

Concentration: 90 - 100%

Specific Concentration Limits:

M factor:

Acute toxicity estimate:

Categories:

3.2.2 zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)

CAS Number: 4259-15-8

EC Number: 224-235-5

Concentration: <1%

Specific Concentration Limits:

M factor:

Acute toxicity estimate:

Categories: Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 2

3.2.3 Alkyl methacrylate polymer

CAS Number:

EC Number:

Concentration: <1%

Specific Concentration Limits:

M factor:

Acute toxicity estimate:

Categories:

SECTION 4: First aid measures**4.1 Description of first aid measures**

- Wash affected area with plenty of water
- If substance has got into eyes, immediately wash out with plenty of water
- Rinse mouth with water (do not swallow)

4.2 Most important symptoms and effects, both acute and delayed

- Mildly irritating to eyes
- The ingestion of significant quantities may cause nausea/vomiting

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures**5.1 Extinguishing media**

- In case of fire use foam, carbon dioxide or dry agent - never use water

5.2 Special hazards arising from the substance or mixture

SECTION 5: Firefighting measures (....)

- See Section 8

5.3 Advice for firefighters

- See Section 8
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SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****6.2 Environmental precautions**

- Do not allow to enter public sewers and watercourses
- Use appropriate containment to avoid environmental contamination

6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
- No special precautions are required for this product

6.4 Reference to other sections

SECTION 7: Handling and storage**7.1 Precautions for safe handling****7.2 Conditions for safe storage, including any incompatibilities**

- Keep container tightly closed

7.3 Specific end use(s)

- See Section 1.2
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SECTION 8: Exposure controls/personal protection**8.1 Control parameters****8.2 Exposure controls****Boots****Gloves**

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

- Physical state: Liquid
 - Colour: Amber
 - Odour: Perceptible odour
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SECTION 9: Physical and chemical properties (....)

- Melting point/Range:
- Boiling Point/Range:
- Flammability:
- pH:
- Solubility in water: Immiscible with water
- Density: 0.87 g/cm³ at 15 °C
- Flashpoint: 200°C

9.2 Other information

SECTION 10: Stability and reactivity**10.1 Reactivity**

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- Incompatible with acids and alkalis

10.4 Conditions to avoid

- Avoid contact with alkalis (strong bases)
- Avoid contact with acid
- Keep away from heat and sources of ignition

10.5 Incompatible materials

- None

10.6 Hazardous decomposition products

- No hazardous decomposition products known
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SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****11.1.1 Acute toxicity**

- Estimated LD₅₀ (oral) (ATE) : >2000 mg/kg
- Estimated LD₅₀ (dermal) (ATE) : >4000 mg/kg
- Estimated LC₅₀ (inhalational) (ATE) : >20 mg/l/4hr (gas/vapour)

11.1.2 Skin corrosion/irritation

Not classified

11.1.3 Serious eye damage/irritation

Not classified

11.1.4 Respiratory or skin sensitisation

SECTION 11: Toxicological information (....)

Not classified

11.1.5 Germ cell mutagenicity

Not classified

11.1.6 Carcinogenicity

Not classified

11.1.7 Reproductive toxicity

Not classified

11.1.8 STOT (specific target organ toxicity) - single exposure

11.1.9 STOT (specific target organ toxicity) - repeated exposure

Not classified

11.1.10 Aspiration hazard

Not applicable

11.2 Information on other hazards

SECTION 12: Ecological information

12.1 Toxicity

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulative potential

- Bioaccumulation is insignificant

12.4 Mobility in soil

- immiscible with water

12.5 Results of PBT and vPvB assessment

12.6 Endocrine disrupting properties

- Not classified

12.7 Other adverse effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Waste codes: 13 01 10
- Disposal should be in accordance with local, state or national legislation

SECTION 14: Transport information**Not classified as hazardous for transport****14.1 UN number or ID number**

- UN No.: Not applicable

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not classified

14.6 Special precautions for user

- Not classified

14.7 Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- Water Hazard Class (Company): Not hazardous

15.1.1 Highly refined mineral oils hydrotreated

Water Hazard Class (Official): Not hazardous

15.1.2 zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)

Water Hazard Class (Official): Not hazardous

15.1.3 Alkyl methacrylate polymer

Water Hazard Class (Official): Not hazardous

15.2 Chemical safety assessment

SECTION 16: Other information

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