

# UNIVERSAL PAG OIL

## 1L

**PN: R2313**

### 1. PRODUCT IDENTIFIER

**UNIVERSAL PAG OIL – 1L**

**1.1 Relevant uses:** For lubrication of R134a automotive air conditioning compressors

**1.2. Details of the supplier of the safety data sheet**

**Company:** RHINOMOTIVE LTD - UK 71-75 SHELTON STREET, LONDON, UNITED KINGDOM

**Emergency contact number** +971 4 329 7775

**Email:** info@rhinomotive.com

### 2. HAZARDS IDENTIFICATION

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

This product has no classification under CLP.

**2.2. Label elements**

Label elements: This product has no label elements.

**2.3. Other hazards**

PBT: This product is not identified as a PBT/vPvB substance.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1. Mixtures**

### 4. FIRST AID MEASURES

**4.1. Description of first aid measures**

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Flush the eye immediately with water. If discomfort persists, obtain medical attention.

Ingestion: If swallowed, do not induce vomiting. Never administer anything by mouth if a casualty is losing consciousness, is unconscious or is convulsing. Wash out mouth with water. If rapid recovery does not occur, obtain medical attention.

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

Inhalation: \* Remove casualty from exposure ensuring one's own safety whilst doing so.

Skin contact: \* None known. Eye contact: \* None known. Ingestion: \* None known.

Inhalation: \* None known.

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

elayed / immediate effects: \* None known.

Immediate / special treatment: \* None known.

## 5. FIRE-FIGHTING MEASURES

- 5.1. Extinguishing media  
Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Water spray. Carbon dioxide. Alcohol resistant foam. Dry chemical powder. Use water spray to cool containers.
- 5.2. Special hazards arising from the substance or mixture  
Exposure hazards: In combustion emits toxic fumes.
- 5.3. Advice for fire-fighters  
Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures  
Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.
- 6.2. Environmental precautions  
Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.
- 6.3. Methods and material for containment and cleaning up  
Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
- 6.4. Reference to other sections

## 7. HANDLING AND STORAGE

- Reference to other sections: \* Refer to section 13 of SDS
- 7.1. Precautions for safe handling  
Handling requirements: Ensure there is sufficient ventilation of the area
- 7.2. Conditions for safe storage, including any incompatibilities  
Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Avoid incompatible materials and conditions - see section 10 of SDS.
- 7.3. Specific end use(s)  
Suitable packaging: \* We recommend storing in original packaging. Stainless steel.  
Specific end use(s): No data available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1. Control parameters  
Workplace exposure limits: No data available.  
DNEL/PNEC Values  
DNEL / PNEC No data available.
- 8.2. Exposure controls  
Engineering measures: Ensure there is sufficient ventilation of the area.  
Respiratory protection: Respiratory protection not required.  
Hand protection: Impermeable gloves.  
Eye protection: Safety glasses with side-shields. Ensure eye bath is to hand.  
Skin protection: Impermeable protective clothing.  
Environmental: \* Refer to specific Member State legislation for requirements under Community environmental legislation.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1. Information on basic physical and chemical properties  
State: Liquid  
Colour: Colourless/pale yellow.  
Odour: Characteristic  
Evaporation rate: No data available.  
Oxidising: No data available.  
Solubility in water: Insoluble  
Kinematic viscosity: 100 cSt  
Boiling point/range °C: No data available.

## 9.2. Other information

pH: No data available.

VOC g/l: No data available.

Other information: Relative density @ 20°C: 0.985 - 1.010 g/cm<sup>3</sup>. Pour point °C: <-35 (typical).

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions

### 10.2. Chemical stability

Chemical stability: Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

Conditions to avoid: Sources of ignition. Flames. Heat.

### 10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Symptoms / routes of exposure

Toxicity values: No data available.

Skin contact: \* None known. Eye contact: \* None known. Ingestion: \* None known.

Inhalation: \* None known. Delayed / immediate effects: \* None known. Other information:

\* None known.

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

### 12.2. Persistence and degradability

Ecotoxicity values: No data available.

Persistence and degradability: No data available.

### 12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

### 12.4. Mobility in soil

Mobility: Readily absorbed into soil.

### 12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

Other adverse effects: Not applicable.

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Disposal operations: \* Dispose of as normal industrial waste.

Recovery operations: Storage of waste pending any of the other recovery operations (excluding temporary storage, pending collection, on the site where the waste is produced).

Waste code number: 13 02 06

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

### 14. TRANSPORT INFORMATION

- 14.1. UN number  
Not classified as dangerous in the meaning of transport regulations.
- 14.2. UN proper shipping name N.A.
- 14.3. Transport hazard class(es) N.A.
- 14.4. Packing group N.A.
- 14.5. Environmental hazards  
Marine pollutant: N.A.
- 14.6. Special precautions for user N.A.
- 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code] N.A.

### 15. REGULATORY INFORMATION

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
Specific regulations: Global Chemical Inventories: EC (EINECS) - All components listed or exempt. US (TSCA) - All components listed or exempt. Canada (DSL) - All components listed or exempt. Australia (AICS) - All components listed or exempt. Philippines (PICCS) - All components listed or exempt. South Korea (KECI) - All components listed or exempt. China (IECSC) - All components listed or exempt.
- 15.2. Chemical Safety Assessment  
Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

### 16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.