# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

<table>
<thead>
<tr>
<th>PRODUCT NAME:</th>
<th>SAE 40 COMPRESSOR Oil</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO:</td>
<td>3050802 &amp; 3050810</td>
</tr>
<tr>
<td>COMPANY IDENTIFICATION:</td>
<td>CLARKE INTERNATIONAL, HEMNALL STREET, EPPING, ESSEX. CM16 4LG</td>
</tr>
<tr>
<td>BUSINESS TELEPHONE:</td>
<td>01992 565300</td>
</tr>
<tr>
<td>BUSINESS FAX:</td>
<td>01992 561562</td>
</tr>
<tr>
<td>EMERGENCY TELEPHONE:</td>
<td>01325 462228</td>
</tr>
</tbody>
</table>

## 2. COMPOSITION/INFORMATION ON INGREDIENTS:

- **Chemical Characterisation:** Mixtures
- **Description:** A blend of highly refined mineral oils with multifunctional additives.
- **Dangerous Components:**
  - Zinc dialkyl dithiophosphate ≤ 2.5%
  - Xi R38-41; N R51/53
  - Eye Dam. 1, H318; Aquatic Chronic 2, H411; Skin Irrit. 2, H315;
- **Additional information:** For the wording of the listed risk phrases refer to section 16.

## 3. HAZARDS IDENTIFICATION:

- **Classification of the substance or mixture**
  - Classification according to Regulation (EC) No. 1272/2008
    - The product is not classified according to the CLP regulation.
  - Classification according to Directive 67/548/EEC or Directive 1999/45/EC
    - Not applicable.
- **Information concerning particular hazards for human and environment:**
  - The product does not have to be labelled due to the calculation procedure of the “General Classification guideline for preparations of the EU” in the latest valid version.
- **Classification system:**
  - The classification is according to the latest editions of the EU-lists and extended by company and literature data.
- **Label elements**
- **Labelling according to Regulation (EC) No. 1272/2008**
  - Void.
- **Hazard pictograms**
  - Void
- **Signal word**
  - Void
- **Hazard statements**
  - Void
- **Additional information**
  - Void
- **Other hazards**
- **Results of PBT and vPvB assessment**
  - PBT
    - Not applicable
  - vPvB
    - Not applicable

## 4. FIRST AID MEASURES:

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
  - Immediately wash with water and soap and rinse thoroughly.
  - If skin irritation continues, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.
- **Information for doctor:**
High pressure injection injuries through the skin require prompt surgical intervention and possibly steroid therapy, to minimise tissue damage and loss of function. As entry wounds are small and do not reflect the seriousness of the underlying damage, surgical exploration to determine the extent of involvement may be necessary. Local anaesthetics or hot soaks should be avoided because they can contribute to swelling, vasopasm and ischaemia. Prompt surgical decompression, debridement and evacuation of foreign material should be performed under general anaesthetics and wide exploration is essential.

- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

### 5. FIRE FIGHTING MEASURES:

<table>
<thead>
<tr>
<th>Extinguishing Media</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suitable extinguishing agents:</td>
</tr>
<tr>
<td>CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.</td>
</tr>
</tbody>
</table>

- **For safety reasons unsuitable extinguishing agents:**
Water with full jet

- **Special hazards arising from the substance or mixture**
No further relevant information available.

- **Advice for fire fighters**
Protective equipment:
Wear self-contained respiratory protective device.
Wear fully protective suit.

### 6. ACCIDENTAL RELEASE MEASURES:

- **Personal precautions, protective equipment and emergency procedures**
Particular danger of slipping on leaked/spilled product.
Ensure adequate ventilation

- **Environmental precautions:**
Do not allow to penetrate the ground/soil.
Do not allow to enter sewers / surface or ground water.

- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Send for recovery or disposal in suitable receptacles.

- **Reference to other sections**
No dangerous substances are released.

### 7. HANDLING & STORAGE:

#### Handling

- **Precautions for safe handling**
Prevent formation of aerosols.
Ensure good ventilation/exhaustion at the workplace.

- **Information about fire and explosion protection**
No special measures required

- **Conditions for safe storage, including any incompatibilities**

#### Storage

- **Requirements to be met by storerooms and receptacles**
Prevent any seepage into the ground.

- **Information about storage in one common storage facility**
Store away from oxidizing agents.

- **Further information about storage conditions**
Store in cool, dry conditions in well sealed receptacles.
Store in a bunded area.

- **Specific end use(s)**
No further relevant information available.
8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:
- Additional information about design of technical facilities
  No further data; see item 7.
- Control parameters
- Ingredients with limit values that require monitoring at the workplace
  The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information
  The lists valid during the making were used as basis.
- Exposure controls
- Personal protective equipment
  Select PPE appropriate for the operations taking place, taking into account the product properties
- General protective and hygienic measures:
  Avoid close or long term contact with the skin
  Do not carry product impregnated cleaning cloths in trouser pockets.
  Do not eat, drink, smoke or sniff while working
  Wash hands before breaks and at the end of work
  Avoid contact with the eyes
  Do not inhale gases / fumes / aerosols
- Respiratory protection
  Not required.
- Protection of hands
  The glove material has to be impermeable and resistant to the product / the substance / the preparation.
  Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
- Material of gloves
  The selection of the suitable gloves does not only depend on the material but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- Penetration time of glove material
  The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection
  Safety glasses
  Goggles recommended during refilling
- Body protection
  Oil resistant protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES:
- Information on basic physical and chemical properties
- General Information
  Appearance:
  Form: Fluid
  Colour: Brown
  Odour: Mineral-oil-like
- Change in condition
  Melting point / Melting range: Undetermined
  Boiling point / Boiling range: Undetermined
- Flash point: > 100 °C
- Ignition temperature: > 250 °C
- Self-igniting: Product is not self-igniting
- Danger of explosion: Product does not present an explosion hazard.
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- Density at 20°C: 0.89 g/cm³
- Solubility in / Miscibility with water: Not miscible or difficult to mix.
- Viscosity:
  - Kinematic at 40°C: 150 cSt
- Other information: No further relevant information available.

10. STABILITY AND REACTIVITY:
- Reactivity
- Chemical stability
- Thermal decomposition / conditions to be avoided:
  No decomposition if used and stored according to specifications.
- Possibility of hazardous reactions:
  No dangerous reactions known.
- Conditions to avoid:
  No further relevant information available.
- Incompatible materials:
  Strong oxidising agents.
- Hazardous decomposition products:
  Carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION:
- Information on toxicological effects
- Acute toxicity:
- Primary irritant effect:
- on the skin: No irritant effect
- on the eye: No irritating effect
- Sensitisation: No sensitising effects known
- Additional toxicological information:
  The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
  Prolonged and repeated contact with USED engine oils may cause serious skin disorders, including dermatitis and cancer. Engine oils are known to accumulate polycyclic aromatic hydrocarbons in use and there is evidence that used crankcase oils from petrol engines are carcinogenic to animals. Used engine oils fall within the definition of ‘carcinogen’ contained in reg2(1) of COSHH and thus the Carcinogens ACOP applies. Precautions advised by the Enforcing Authorities include controlling exposure by systems of work, personal protection and personal hygiene.

12. ECOLOGICAL INFORMATION:
- Toxicity
- Aquatic toxicity: No further relevant information available.
- Persistence and degradability: Inherently biodegradable
- Behaviour in environmental systems:
  Bioaccumulative potential
  Product is not expected to bioaccumulate.
- Mobility in soil
  No further relevant information available.
- Additional ecological information
  General notes:
  Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
  Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- Results of PBT and vPvB assessment
  - PBT: Not applicable
  - vPvB: Not applicable
- Other adverse effects
  No further relevant information available.
13. DISPOSAL CONSIDERATIONS:

- Waste treatment methods

Recommendation

Recommended Hierarchy of Controls:

- Minimise waste
- Reuse if not contaminated
- Recycle if possible or
- Safe disposal (if all else fails)

Must not be disposed together with household rubbish. Do not allow product to reach sewage system.

Contact waste processors for recycling information.

Delivery of waste oil to officially authorised collectors only.

Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.

- European waste catalogue

Waste key numbers in accordance with the European Waste Catalogue (EWC) are origin referred defined. Since this product is used in several industries, no waste key can be provided by the supplier.

The waste key number should be determined in arrangement with your waste disposal partner or the responsible authority.

- Uncleaned packaging:

- Recommendation:

Disposal must be made according to official regulations.

Container remains hazardous when empty. Continue to observe all precautions.

Containers, even those that are “empty”, may contain residues that can develop flammable vapours upon heating. Do not cut, drill, grind, weld or perform similar operations on or near empty containers.

14. TRANSPORT INFORMATION:

- UN-Number

- ADR, ADN, IMDG, IATA

Void

- UN proper shipping name

- ADR, AND, IMG, IATA

Void

- Transport hazard class(es)

- ADR, ADN, IMDG, IATA

- Class

Void

- Packing group

- ADR, IMDG, IATA

Void

- Environmental hazards:

- Marine pollutant:

No

- Special precautions for user

Not applicable

- Transport in bulk according to

Annex II of MARPOL 73/78 and the IBC Code

Not applicable

- Transport / Additional Information:

Not dangerous according to the above specifications

- UN “Model Regulation”
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15. REGULATORY INFORMATION:

- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Relevant phrases

H315 Causes skin irritation
H318 Causes serious eye damage
H411 Toxic to aquatic life with long lasting effects.

R38 Irritating to skin
R41 Risk of serious damage to eyes
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Last Reviewed: 13/12/13