





# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

**PRODUCT NAME:** SAE 30 COMPRESSOR Oil  
**PART NO:** 3050801  
**COMPANY IDENTIFICATION:** CLARKE INTERNATIONAL,  
HEMNALL STREET, EPPING, ESSEX. CM16 4LG  
**BUSINESS TELEPHONE:** 01992 565300  
**BUSINESS FAX:** 01992 561562  
**EMERGENCY TELEPHONE:** 01325 462228

## 2. COMPOSITION/INFORMATION ON INGREDIENTS:

- **Chemical Charactersisation:** Mixtures
- **Description:** A blend of highly refined mineral oils with multifunctional additives.
- **Dangerous Components:**  
80939062-4 Amines, C11-C14 – branched alkyl, monohexyl and dihexyl phopshates ≤ 2.5%  
 Xi R36/38;  N R51/53  
 Aquatic Chronic 2, H411;  Shin Irrit. 2, H315; Eye Irrit. 2, H319
- **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.
- **Classificaion 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 Classificaiton guideline for preparations of the EU” in the latest valid version.
- **Classificaion 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. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.  
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contat:**  
Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.

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## - After eye contact:

Check for and remove any contact lenses.

Rinse opened eye for several minutes under running water. Then consult a doctor.

## - After swallowing:

Wash mouth out with water.

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, vasospasm 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:

### Extinguishing Media

#### - Suitable extinguishing agents:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

#### - 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.

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## - 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:

Do not carry product impregnated cleaning cloths in trouser pockets.

Avoid close or long term contact with the skin

Do not eat, drink, smoke or sniff while working

Avoid contact with the eyes

Do not inhale gases / fumes / aerosols

Wash hands before breaks and at the end of work

#### - 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

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- **Self-igniting:** Product is not self-igniting
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density at 20°C:** 0.88 g/cm
- **Solubility in / Miscibility with water:** Not miscible or difficult to mix.
- **Viscosity:**
- Kinematic at 40°C:** 100.0 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.  
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

## 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.

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## 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)

Contact waste processors for recycling information

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

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.

### - 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"

## 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

The risk phrases shown below are for those component substances which are listed in section 3 and not for the actual finished formulation.

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- Hazards are concentration dependent. Therefore for the actual hazard classification and risk/safety phrases appropriate for the actual finished formulated product refer to section 2.

H315 Causes skin irritation

H319 Causes serious eye irritation

H411 Toxic to aquatic life with long lasting effects.

R36/38 Irritating to eyes and skin

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Last Reviewed: 06/08/15