

### 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

**PRODUCT NAME:** 2 STROKE SYNTHETIC OIL  
**PART NO:** 3050890  
**COMPANY IDENTIFICATION:** CLARKE INTERNATIONAL,  
 HEMNALL STREET, EPPING, ESSEX. CM16 4LG  
**BUSINESS TELEPHONE:** 01992 565300  
**BUSINESS FAX:** 01992 561562  
**EMERGENCY TELEPHONE:** 020 89887400


### 2. HAZARDS IDENTIFICATION:


- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No. 1272/2008**  
 The substance is not classified according to the 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

### 3. COMPOSITION/INFORMATION ON INGREDIENTS:

- **Chemical characterisation: Mixtures**
- **Description:** A blend of highly refined mineral oils with multifunctional additives

**Dangerous components:**

CAS: 64742-48-9	Petroleum distillate	 Xn R65	20-50%
EINECS: 265-150-3		R66	

 Asp.Tox. 1, H304

- Additional information: For the wording of the listed risk phrases refer to section 16.

### 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.
- **After inhalation:**  
 Supply fresh air; consult doctor in case of complaints
- **After skin contact:**  
 Immediately wash with water and soap and rinse thoroughly.

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If skin irritation continues, consult a doctor

**- 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 information available.

**- Indication of any immediate medical attention and special treatment needed**

No further 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 firefighters**

**- Protective equipment:**

Wear self-contained respiratory protective device

Wear fully protective suit

Do not inhale explosion gases or combustion gases

### 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 product to reach sewage system or any water course

Do not allow to penetrate the ground/soil

**- 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.

**- Additional information:** 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

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**- 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:**

Not required

**- 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 into account the product properties

**- General protective and hygienic measures:**

Wash hands before breaks and at the end of work

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

**- Respiratory protection:**

Nor 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.

**- 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:** Protective work 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  
**- Danger of explosion:** Product does not present an explosion hazard  
**- Explosion limits:**

**Lower:** Not determined  
**Upper:** Not determined  
**- Density at 20°C** 0.88 g/cm<sup>3</sup>  
**- Solubility in Miscibility with water:** Not miscible or difficult to mix  
**- Viscosity:**  
**Kinematic at 40°C** 32 cSt

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## - Other information

No further relevant information available

### 10. STABILITY AND REACTIVITY:

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used 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:**  
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.  
The substance is not subject to classification according to the latest version of the EU lists.

### 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:**  
Generally not hazardous for water
- **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)Contact waste processors for recycling information

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Must not be disposed together with household garbage. 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.

### - 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.

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, AND, ImDG, IATA Void

### - UN proper shipping name

- ADR, AND, IMDG, IATA Void

### - Transport hazard class(es)

- ADR, AND, IMDG, IATA 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 MARPOL73/78 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.

- Department issuing MSDS: Product safety department

- Contact:

### - Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ITA-DGR: Dangerous Goods Regulations by the “International Air Transport Association” (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the “International Civil Aviation Organisation” (ICAO)

Last updated: 10.10.2014