

Safety Data Sheet
in accordance with SANS 10234:2019

Printing date 14.12.2021

Revision: 14.12.2021

1 Identification of the substance or mixture and of the supplier

- **Product identifier**
- **Trade name: Renolin Unisyn CLP 150**
- **Product Code:** Y198
- **Sector of Use** Lubricant
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Fuchs Lubricants South Africa (PTY) LTD
7 Diesel Road, Isando 1600, Gauteng
Tel: +27 11 565 9600 (Switch Board)
ZA-Technical@fuchs.com
- **Informing department:**
Fuchs safety department
Tel: +27 011 565 9600
Fax: +27 011 392 5688
- **Emergency telephone number:**
Technical Director: Dr. Siphilisiwe Ndlovu
Tel: +27 082 525 0172

2 Hazards identification

- **Classification of the substance or mixture**
The product has not been classified as hazardous, but needs to be labelled according to regulation (EU) 1272/2008 (CLP)
The product is not classified, according to the Globally Harmonised System (GHS).

- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of synthetic base oils with additives.
- **Concentration range %** Void
- **Additional information** For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

- **Description of first aid measures**
- **General information**
Change clothes and shoes contaminated or soaked by the product. Never put rags contaminated by the product into clothing pockets.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** Wash with soap and water.
- **After eye contact**
Rinse opened eye for several minutes under running water.
If symptoms persist, consult doctor.
- **After swallowing** Rinse mouth thoroughly. In case of persistent symptoms consult doctor.
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed** May cause skin and eye irritation.
- **Indication of any immediate medical attention and special treatment needed**
Get medical attention if symptoms occur

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5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**
CO₂, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
- **Protective equipment:** Mount respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Particular danger of slipping on leaked/ spilled product.
- **Environmental precautions:**
Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent from spreading (e.g. by binding or oil barriers).
Inform respective authorities in case product reaches water or sewage system.
Do not allow to enter drainage system, surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to item 13.
- **Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

7 Handling and storage

- **Handling**
- **Precautions for safe handling**
Prevent formation of aerosols. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products. Observe good industrial hygiene practices. Provide adequate ventilation.
- **Information about protection against explosions and fires:**
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
- **Conditions for safe storage, including any incompatibilities**
Local regulations concerning handling and storage of waterpolluting products have to be followed. Prevent formation of aerosols. Do not heat up to temperatures close to the flash point.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class 10, Comsubstible Liquids**
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Control parameters** Occupational Exposure Limits; None of the components have assigned exposure limits.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**
Keep away from foodstuffs, beverages and food.
Instantly remove any soiled and impregnated garments.
Avoid contact with the eyes and skin.

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- **Breathing equipment:** Ensure good ventilation/exhaustion at the workplace. Avoid breathing vapour/ aerosol.
- **Protection of hands:**
Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in acc. to safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. 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**
Material: Nitrile butyl rubber (NBR). Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier.
- **Penetration time of glove material**
Material: Nitrile butyl rubber (NBR). Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in acc. to safety directions. 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
Tightly sealed safety glasses (EN 166).
- **Body protection:** Protective work clothing.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - **Form:** Liquid
 - **Colour:** Amber coloured
 - **Smell:** Characteristic
 - **Odour threshold:** Not applicable for mixtures.
 - **pH-value:** Not applicable
- **Change in condition**
 - **Melting point/freezing point:** Not determined
 - **Initial boiling point and boiling range:** No data available.
- **Flash point:** > 200 °C (EN ISO 2592)
- **Inflammability (solid, gaseous)** Not applicable.
- **Decomposition temperature:** Not determined.
- **Self-inflammability:** Value not relevant for classification
- **Explosive properties:** Product is not explosive.
- **Critical values for explosion:**
 - **Lower:** Not determined.
 - **Upper:** Not determined.
- **Vapour pressure:** Not determined.
- **Density at 20 °C** 0.883 g/cm³ (DIN 51 757)
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate** Not determined.
- **Solubility in / Miscibility with**
 - **Water:** Not miscible or difficult to mix
- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity or Consistency-Class:**
 - **dynamic:** Not determined.

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- **kinematic at 40 °C:** 150 mm²/s (DIN 51 562)
- **Solvent content (VOC):**
- **Organic solvents:** 0.0 %
- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity** Stable under normal use conditions
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.
- **Possibility of hazardous reactions** None under normal conditions.
- **Conditions to avoid** Avoid heat or contamination.
- **Incompatible materials:** Strong oxidizing substances. Strong acids. Strong bases.
- **Hazardous decomposition products:**
Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**
- **Oral Product :** Not classified for acute toxicity based on available data.
- **Primary irritant effect:**
- **Dermal** Not classified for acute toxicity based on available data
- **Serious eye damage/irritation** No Data available.
- **Respiratory or skin sensitisation** No Data available.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects according to our information.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No data available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Do not allow to reach ground water, water bodies 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**
Smaller quantities have to be disposed in line with local legislation.
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:**
Dispose of small non returnable packagings according to local regulations on the disposal of packagings.

14 Transport information

- **ADR, ADN, IMDG, IATA** Void
- **UN proper shipping name**
- **ADR, ADN, IMDG, IATA** Void

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- **Transport hazard class(es)**
- **ADR, ADN, IMDG, IATA**
- **Class** Void
- **Packing group**
- **ADR, IMDG, IATA** Void
- **Environmental hazards:** Not applicable.
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.
- **UN "Model Regulation":** Void

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
EU Regulations
Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer: none
Regulation (EC) No. 850/2004 on persistent organic pollutants: none
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies. The classification results from the Conventional Method mentioned in regulation EU 1272/2008 (CLP).

- **Reasons for update/revision**
The data contained in this safety data sheet are based on our current knowledge and experience and are given to the best of our knowledge and belief. It characterizes the product only with regard to safety requirements for handling, transport and disposal. The data do not describe the product's properties (tech. product specification). Neither should any agreed property nor the suitability of the product for any specific technical application be deduced from the data contained in this safety data sheet. Modifications on this document are not allowed. The data are not transferable to other products. In the case of mixing the product with other products or in the case of processing, the data in this safety data sheet are not necessarily valid for the new-made material. It is the responsibility of the recipient of the product to observe federal, state and local law. Please contact us to obtain up-to-date safety data sheets. This document was issued electronically and has no signature.