

Material Safety Data Sheet

Printing date 26.06.2006

Reviewed on 23.06.2006

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** Klüber Summit HySyn FG 68
- **Article number:** 050015
- **Application of the substance / the preparation** Lubricating oil
- **Manufacturer/Supplier:**
Klüber Lubrication Australia PTY. LTD.
1st Floor, 3 Brand Drive
Thomastown, Victoria, 3074
Phone (03) 9464 7577
Fax (03) 9464 7588
- **Further information obtainable from:** Material Compliance Management
- **Information in case of emergency:**
(03) 9464 7577 (9am-5pm AEST, Mon-Fri)
0011 49 89 7876 700 (24 hrs)

2 Composition/information on ingredients

NOT HAZARDOUS ACCORDING TO THE CRITERIA OF THE AUSTRALIAN NOHSC
NOT A DANGEROUS GOOD ACCORDING TO THE AUSTRALIAN DANGEROUS GOODS CODE

- **Chemical characterization**
- **Description:** Synthetic hydrocarbon oil
- **Dangerous components:** Void
- **Additional information:** For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

- **Hazard description:** 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.

4 First-aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Wash off with soap and plenty of water.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
Water haze
Foam

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Fire-extinguishing powder

Carbon dioxide

- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
In case of fire, the following can be released:
Carbon monoxide (CO)
Hydrocarbons
- **Protective equipment:**
Do not inhale explosion gases or combustion gases.
Standard procedure for chemical fires.
- **Additional information**
Cool endangered receptacles with water spray.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

- **Person-related safety precautions:** Particular danger of slipping on leaked/spilled product.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the material collected according to regulations.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** Prevent formation of aerosols.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in cool, dry conditions in well sealed receptacles.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizing agents.
- **Further information about storage conditions:** None.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **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.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Do not inhale gases / fumes / aerosols.
Immediately remove all soiled and contaminated clothing
Avoid close or long term contact with the skin.
Be sure to clean skin thoroughly after work and before breaks.
- **Protection of hands:** Preventive skin protection by use of skin-protecting agents is recommended.
- **Eye protection:** Goggles recommended during refilling

9 Physical and chemical properties

General Information

Form: Fluid

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- | | |
|--|---|
| Colour: | Colourless |
| Odour: | Product specific |
| · Change in condition | |
| Pour point | ~ -45°C (DIN ISO 3016) |
| · Flash point: | > 240°C (DIN ISO 2592) |
| · Danger of explosion: | Product does not present an explosion hazard. |
| · Density at 20°C: | ~ 0.84 g/cm ³ (DIN 51757) |
| · Solubility in / Miscibility with water: | Insoluble. |
| · Viscosity: | |
| Kinematic at 40°C: | ~ 70 mm ² /s (DIN 51562) |

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Materials to be avoided:** oxidizing agents
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** none under normal use

11 Toxicological information

- **Additional toxicological information:**
Prolonged skin contact may cause skin irritation and/or dermatitis.

12 Ecological information

- **Ecotoxicological effects:**
- **Behaviour in sewage processing plants:** The product can be mechanically separated.
- **General notes:** Do not allow product to reach ground water, water course or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation**
Dispose of in accordance to local and national waste regulations. This product may be disposed by: reaction, incineration or landfill in an approved facility with appropriate emission control equipment.
- **Uncleaned packaging:**
- **Recommendation:**
Empty contaminated packaging thoroughly. They may be recycled after thorough and proper cleaning.

14 Transport information

- **Australian Dangerous Goods Code**
- **Class** -
- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -

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- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -
- **Transport/Additional information:**
Not classified as dangerous according to the above specifications.

15 Regulatory information

- **Australian Inventory of Chemical Substances**
The components of this product are in compliance with the chemical notification requirements of Australia.

- **Poison schedule (SUSDP)**

Not scheduled

- **Labelling according to EU guidelines:**
Observe the general safety regulations when handling chemicals.
The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version.

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.

- **Australian acronyms:**
ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail
AICS: Australian Inventory of Chemical Substances
ASCC: Australian Safety & Compensation Council (now administers NOHSC publications)
NICNAS: National Industrial Chemicals Notification and Assessment Scheme
NOHSC: National Occupational Health & Safety Commission
SUSDP: Standard for the Uniform Scheduling of Drugs and Poisons
STEL (15 min): Short Term Exposure Limit over 15 minutes
TWA (8hr): Time Weighted Average over 8 hours
- **Department issuing MSDS:** Material Compliance Management
- **Contact:** 0011 49 89 7876 1564

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