

**Safety data sheet pursuant to ordinance
(EC) No. 453/2010
(EC) No. 1907/2006 (REACH)**

Print date: 02/03/2016

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Revised:13.08.2015

Cimco-Werkzeugfabrik
Carl Jul. Müller GmbH & Co. KG

1. DESIGNATION OF THE MATERIAL OR MIXTURE AND COMPANY NAME

1.1 Product identifier

Product name Hydraulic oil Art.No. **13 4024**
Trade name Hydraulic oil Art.No. **13 4024**
CAS No.
EC No.

1.2 Relevant identified use of material or mixture and uses that are not advisable

Recommended
limitations of the
application

Use of the
material/mixture Hydraulic fluid

1.3 Details on the supplier who is making the safety data sheet available

Company Cimco Werkzeugfabrik Carl Jul. Müller GmbH & Co. KG
Hohenhagener Straße 1 - 5
D-42855 Remscheid, Germany
+49 (0) 21913718-01 Fax: +49 (0) 21913718-86

1.4 Emergency number **Emergency CONTACT (24-Hour-Number)**
GBK GmbH +49 (0)6132-84463

2. POSSIBLE HAZARDS

2.1 Classification of the material

- **Classification in accordance with the directive (EC) No. 1272/2008 [CLP/GHS]**
The product has not been classified as hazardous according to regulation (EC) No. 1272/2008 (CLP) and is not subject to any labelling obligation.

2.2 Label elements

- **Labelling according to directive (EC) No. 1272/2008 [CLP/GHS]**
not applicable.

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2.3 Other dangers

No particular hazards have been identified, providing that the usual safety precautions for dealing with mineral oil products and chemical products are taken and the information on handling (section 7) and on personal protective equipment (section 8) are adhered to. Do not allow uncontrolled release of the product into the environment.

3. COMPOSITION / INFORMATION ON COMPONENTS

Preparations made of highly refined mineral oils with additives. The ingredients are not hazardous or are below the cut-off limits

4. FIRST AID MEASURES

4.1 Description of first aid measures

General information

Change any clothes or shoes saturated in product. Never put cloths soaked in product in pockets in your clothing.

After inhaling

Supply fresh air, consult doctor in the event of complaints.

After skin contact

Wash with soap and water. As a general rule, the product is not a skin irritant.

After swallowing

Rinse mouth thoroughly.

After eye contact

Immediately rinse eyes with plenty of water. Pull eyelids up while doing so.

4.2 Important symptoms and effects which are acute or occur with a delay

Can cause skin or eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Seek medical attention if symptoms occur.

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5. FIREFIGHTING MEASURES

5.1 Extinguishing agents

Suitable extinguishing agents CO₂, extinguishing powder or mist-like water spray. Fight larger fires with alcohol-resistant foam or jet of water with suitable surfactant additive.

Unsuitable extinguishing agents Direct water jet

5.2 Particular risks associated with the material or mixture

In the event of a fire, harmful gases can develop.

5.3 Information on fire fighting

Special protective equipment for firefighting:

In the presence of combustion or carbonization gases, any firefighting, rescue and clearing up activities should be undertaken only with heavy-duty respiratory protection.

6. MEASURES IN THE EVENT OF ACCIDENTAL RELEASE

6.1 Person-related safety precautions, protective equipment and procedures to be followed in emergencies

Caution! In the event of material leaking out, floors and surfaces can become slippery.

6.2 Environmental protection measures

Avoid material spreading over surfaces (e.g. by creating a barrier or oil boom).

6.3 Methods and material for containment and cleaning

Soak up with liquid absorbing material, such as sand, diatomite, acid binders, universal binders (e.g. RENOLEX), or sawdust.

6.4 References to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protective equipment: see section 8

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7. HANDLING AND STORAGE

7.1 Safety measures for safe handling

Information on safe handling The usual safety precautions for handling mineral oil products or chemical products must be taken.

Hygiene measures Ensure good room ventilation.
Do not smoke, eat, drink or sniff while working.
Wash hands before breaks and after finishing work.

7.2 Conditions for safe storage taking incompatibilities into consideration

Storage requirements The provisions of the Water Resources Act, the regional (Länder) water acts and the ordinance on installations for handling of substances hazardous to waters (VAWS in the respective Länder version) must be complied with. Avoid the formation of aerosol. Do not heat to temperatures near the flash point.

Information on storage with other products

Storage class 10

7.3 Specific end use

See section 1.2

8. LIMITATION AND MONITORING OF EXPOSURE / PERSONAL PROTECTIVE EQUIPMENT

8.1 Limit values

No occupational exposure limits are applicable for any of the ingredients.

Additional information

National and local legal provisions must be adhered to.

8.2 Limiting and monitoring exposure

Personal protective equipment

General protective and hygiene measures Wash hands before breaks and after finishing work. Use compulsory personal protective equipment. Personal protective equipment needs to be selected in accordance with the

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applicable CEN standards and as agreed with the supplier for personal protective equipment. It is imperative for the usual safety precautions for handling mineral oil products or chemicals to be taken.

Always keep good personal hygiene, e.g. washing after handling the material and before eating, drinking and/or smoking. Regularly wash work clothes to remove contamination. Dispose of contaminated footwear which can not be cleaned.

Respiratory protection

If ventilation is inadequate, wear suitable breathing apparatus. Get advice from local manager. Avoid breathing in vapour/aerosol.

Hand protection

Acrylonitrile butadiene rubber (NBR). Avoid sustained or repeated skin contact. Suitable protective gloves are recommended by the glove supplier. Preventive skin protection by using skin protection cream. Protective gloves where allowed from a safety technical point of view. Information on the exact penetration time is to be obtained from the manufacturer of the protective gloves and must be observed, as it does not only depend on the glove material, but also on workplace-specific factors.

Eye protection

Wearing safety glasses is recommended when decanting.

Personal protection

Do not carry any cleaning cloths soaked in the product in your trouser pockets. Wear suitable protective clothing when working.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on the basic physical and chemical properties

Form	liquid
Colour	light yellow
Odour	characteristic
Steam pressure	- na -
Relative density	0.87 g/ml (15°C)
Boiling point	- na -
Melting point / Freezing point	- na -

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Explosive properties	- na -
Self-ignition temperature	- na -
Ignition point	210°C
Flammability	- na -
Oxidizing properties	- na -
Solubility in water	not water soluble
Ignition temperature	- na -
Solvent content	- na -
Solids content	- na -

9.2 Other information

No information is available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

The product is stable in normal temperature conditions and when used as recommended.

10.2 Chemical stability

No information is available.

10.3 Possible hazardous reactions

None under normal circumstances.

10.4 Conditions to be avoided

Do not heat or contaminate.

10.5 Incompatible materials

Highly oxidising materials. Strong acids. Strong bases.

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10.6 Dangerous decomposition processes

In the event of thermal decomposition or combustion, carbon oxides as well as other toxic gases and vapours can be released.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

acute oral On the basis of available data, not classified for acute toxicity.

acute dermal On the basis of available data, not classified for acute toxicity.

acute for inhalation On the basis of available data, not classified for acute toxicity.

Practical experience

No information is available.

12. ENVIRONMENTAL INFORMATION

12.1 Toxicity

No information is available.

12.2 Persistence and degradability

No information is available.

12.3 Bio accumulation potential

No information is available.

12.4 Mobility in the soil

No information is available.

12.5 Results of PBT and vPvB assessment

No information is available.

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12.6. Other harmful effects

No information is available.

13. INFORMATION ON DISPOSAL

Recommendation Dispose of waste and residue in accordance with the respective local regulations.

Product Do not allow to enter the sewage system; waste and containers must be disposed of in a safe manner. When storing used products, comply with mixing ban.

Waste code 13 01 10*: non-chlorinated hydraulic oils on a mineral oil basis

Waste marked with an asterisk (*) are classed as hazardous waste according to Directive 2008/98/EC on hazardous waste.

14. INFORMATION ON TRANSPORT

	ADR/RID	IMDG	IATA-DGR
14.1 UN number	Not hazardous goods	Not hazardous goods	Not hazardous goods
14.2 Proper UN shipping name	-	-	-
14.3 Transport hazard class	-	-	-
14.4 Packaging group	-	-	-
14.5 Environmental hazards	-	-	-

14.6 Special preventive measures for the user

No information is available.

14.7 Bulk transport according to Appendix II of the MARPOL agreement 73/78 and according to the IBC code

Not applicable

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15. STATUTORY REGULATIONS

15.1 Regulations on safety, health and environmental protection / specific legal regulations for the material or the mixture

National regulations:

Water hazard class 1 VwVwS Appendix 4
slightly hazardous to water

15.2 Chemical safety assessment

A chemical safety assessment for materials in this mixture have not been carried out.

16. OTHER INFORMATION

Recommended use and restrictions

Existing national and local laws regarding chemicals are to be observed.

Further information

National special provisions need to be implemented by each user on their own responsibility!
The information given is based on our current level of knowledge and serves to describe the product in terms of the safety precautions to be taken. It does not represent an assurance of properties of the product described.

Please pay attention to additional information! - Our safety data sheets have been prepared according to the valid EU guidelines WITHOUT taking into consideration any special national regulations regarding handling hazardous materials and chemicals.