

**CG\_EN****SECTION 1: Identification of the substance/mixture and of the company/undertaking***1.1. Product identifier***Trade name** CG\_EN*1.2. Relevant identified uses of the substance or mixture and uses advised against***Product type** Lubricant - For industrial use only.*1.3. Details of the supplier of the safety data sheet***Supplier** Komatsu Forest ABStreet address Box 7124  
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Contact person: Robert Lindmark

**SECTION 2: Hazards identification***2.1. Classification of the substance or mixture***Description** The product is not classified as hazardous according to Regulation (EC) No 1272/2008.*2.2. Label elements*

The product do not require labeling

*2.3. Other hazards*

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

**SECTION 3: Composition/information on ingredients***3.2. Mixtures***Substance additional information** The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346. This note applies only to certain complex oil derived substances in Annex I. Highly refined mineral oil (IP 346 DMSO <3%).

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Fresh air.
<b>Skin contact</b>	IF ON SKIN: Wash with plenty of soap and water.
<b>Eye contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician if symptoms occur.
<b>Ingestion</b>	Do not induce vomiting. Get medical advice/attention if you feel unwell.

### 4.2. Most important symptoms and effects, both acute and delayed

None known.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** In the event of fire: Extinguish with powder, carbon dioxide or alcohol-resistant foam.

**Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread fire.

### 5.2. Special hazards arising from the substance or mixture

The product is not flammable.  
In case of fire, toxic and/or irritating gases may be formed.

### 5.3. Advice for firefighters

**Special protective equipment for fire-fighters** Avoid inhalation of smoke fumes.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Very slippery after spillage.  
Use protective equipment as specified in section 8 of SDS.

### 6.2. Environmental precautions

Prevent discharges to watercourses, waste water or the ground.  
Prevent further leaks or spill if it is safe to do so.

### 6.3. Methods and material for containment and cleaning up

Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly.

### 6.4. Reference to other sections

For personal protection see section 8 and for disposal see section 13.  
Information about the environmental impact can be found in section 12.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Preventive handling precautions** Avoid prolonged or repeated contact with skin. Collect spillage immediately as there is a risk of slipping.

**General hygiene** Ensure good industrial hygiene.

### 7.2. Conditions for safe storage, including any incompatibilities

Store separately from sources of ignition.  
Keep containers tightly closed in a dry, cool and well-ventilated place.  
Keep at a temperature not exceeding 45°C.

### 7.3. Specific end use(s)

Not applicable

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Exposure limits** Contains no substances with occupational exposure limit values.

### 8.2. Exposure controls

**Technical precaution measures** None under normal processing.

**Eye / face protection** Wear protective goggles if there is a risk of direct contact or splashes.

**Safety gloves** Use protective gloves made of nitrile.  
Thickness  $\geq 0.38$  mm - breakthrough time > 480 minutes. Thickness 0.1 mm - splash protection.  
EN374-2, EN347-3.  
The exact breakthrough time can be obtained from the protective glove manufacturer and this should be noted.

**Other skin protection** Wear suitable protective clothing to prevent contact with the skin.

**Respiratory protection** None under normal processing.  
Breathing apparatus only if aerosol or dust is formed.

**Environmental exposure controls** Do not let product enter drains.

### Other

Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**a) Appearance** Colour: black

**b) Odour** crude oil

**c) Odour threshold** Not applicable

**d) pH value** Not applicable

**e) Melting point / freezing point** Not applicable

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<b>f) Initial boiling point and boiling range</b>	Not applicable
<b>g) Flash point</b>	150 ° C
<b>h) Evaporation rate</b>	Not applicable
<b>i) Flammability (solid, gas)</b>	Not applicable
<b>j) Upper / lower flammability or explosive limits</b>	Not applicable
<b>k) Vapour pressure</b>	Not applicable
<b>l) Vapour density</b>	Not applicable
<b>m) Relative density</b>	Not applicable
<b>n) Solubility</b>	Not applicable
<b>o) Partition coefficient: n-octanol / water</b>	Not applicable
<b>p) Auto-ignition temperature</b>	Not applicable
<b>q) Decomposition temperature</b>	Not applicable
<b>r) Viscosity</b>	Not applicable
<b>s) Explosive properties</b>	Not applicable
<b>t) Oxidising properties</b>	Not applicable
<b>Density</b>	< 1000 kg/m <sup>3</sup> (25 °C)

## 9.2. Other information

No additional information available.

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

<b>Reactivity</b>	Stable.
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## 10.2. Chemical stability

<b>Chemical stability</b>	Stable under normal usage and storage conditions.
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## 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	None under normal use.
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## 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Heat.
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## 10.5. Incompatible materials

<b>Incompatible materials</b>	Strong oxidizing agents.
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### 10.6. Hazardous decomposition products

**Hazardous decomposition products**

None under normal conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity**

The product is not classified as acute toxic.  
Inhalation of oil mist may cause irritation, headaches, nausea and breathing difficulties.  
Ingestion can cause malaise.

**Skin corrosion/irritation**

The product is not classified as corrosive/irritant to skin.  
Prolonged contact may cause slight skin irritation.

**Serious eye damage/irritation**

Not expected to give rise to long-term or significant eye irritation.

**Respiratory/skin sensitization**

Not sensitizing.

**Germ cell mutagenicity**

No known mutagenic effects.

**Genotoxicity**

The product is not classified as genotoxic.

**Carcinogenicity**

The product contains no carcinogens.

**Reproductive toxicity**

The product is not classified as toxic to reproduction.

**STOT-single exposure**

Not classified as specifically organ toxic after single exposure.

**STOT-repeated exposure**

The product is not classified as damaging to organs through prolonged or repeated exposure.

**Aspiration hazard**

Product is not classified for aspiration hazard.

**LD50 Oral**

LD50 Oral: 5190 mg/kg.

**LD50 Dermal**

LD50 Dermal: 3017 mg/kg.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Toxicity**

The product is not classified as dangerous for the environment.  
Temporary large discharges or frequent smaller discharges can have a harmful or destructive impact on the environment.

### 12.2. Persistence and degradability

**Persistence and degradability**

Not readily.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential**

Does not bioaccumulate.

### 12.4. Mobility in soil

**Mobility**

Insoluble in water.  
Adsorbs to soil.

## 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment**

This mixture does not contain any REACH registered substances that are assessed to be a PBT or a vPvB.

## 12.6. Other adverse effects

Not applicable

## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

**Disposal considerations**

Dispose of any product, residue or packing material according to national and local regulations.

## Other

**Waste code (EWC)**

13 08 99\*

The waste code is a recommendation.  
In the event of non-compliant handling, the end user is personally responsible for a suitable waste code.

## SECTION 14: Transport information

## 14.1. UN number

**UN number**

Not dangerous goods according to transport regulations.

## 14.2. UN proper shipping name

Not applicable

## 14.3. Transport hazard class(es)

Not applicable

## 14.4. Packing group

Not applicable

## 14.5. Environmental hazards

Not applicable

## 14.6. Special precautions for user

**Special precautions for user**

None.

## 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No information available.

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**EU regulations**

European Parliament and Council Regulation (EC) No 1272/2008, CLP.  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council, REACH.  
Regulation (EC) No 2014/955/EU of the European Parliament and of the Council, (Waste).

**National regulations**

EH40/2005 Workplace exposure limit (2018, 3rd edition).  
The Control of Substances Hazardous to Health Regulations 2002 (as amended).

**Other regulations, limitations and legal regulations**

Water Hazard Class (WGK): Slightly hazardous to water (WGK1).

### 15.2. Chemical safety assessment

**Chemical safety assessment**

No chemical safety assessment has been performed.

## SECTION 16: Other information

**Changes to previous revision**

Changes are made in the following sections: 1-16.

**Abbreviations**

PBT: Persistent, bioaccumulative and toxic substance.  
vPvB: Very persistent and very bioaccumulative substance.

**References to key literature and data sources**

Information also retrieved from the supplier's safety data sheet.