

Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)



Trade name: HiKOKI Lubricating oil

HiKOKI no.: 714810

Version / Language: 1.0/EN

Site 1 from 13

Date: 15.01.2026

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1: Product identifier

Product form:	Substance
Trade name:	HiKOKI Lubricating oil
Unique Formula Identifier – UFI:	-
Product type:	Lubricants

1.2: Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

SU22 Professional use. For industrial or institutional use. PC24 Lubricants, greases and release products.

1.3: Details of the supplier providing the safety data sheet

Manufacturer:

Koki Holdings Co. Ltd.
Shinagawa Intercity Tower A, 15-1
Konan 2-chome, Minato-ku, Tokyo, Japan

EU-Importer:

Koki Holdings Europe GmbH
Metabo-Allee 1
72622 Nürtingen, Germany

Phone: +49 (0) 7022 - 72 0
Fax: +49 (0) 7022 - 72 2595
Web: <https://www.hikoki-powertools.eu>
E-mail: info@hikoki-powertools.eu

1.4: Emergency number

GBK GmbH (24 h): +49 (0) 6132-84463

SECTION 2: Possible dangers

2.1: Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is not classified according to Regulation (EC) No 1272/2008 [GHS].

Other information

Full text of hazard statements and EU hazard statements in SECTION 16.

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2.2: Labelling elements

Labelling in accordance with Regulation (EC) No 1272/2008 [CLP]

The product is not classified as hazardous.

Additional phrases, additional labelling

No further information.

Other information

Full text of hazard statements and EU hazard statements in SECTION 16.

2.3: Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition / information on ingredients

3.1: Substances

Registration is not required according to article 6.1 of Regulation (EC) No 1907/2006 (REACH).
Less than 1 tonne per year.

Substance name	Product identifier	Concentration [%]	Classification according to Regulation (EC) Nr. 1272/2008 [CLP]	SCL, ATE (oral, dermal, inhalative), M-factor (acute, chronic)
Oxirane, 2-methyl-, polymer with oxirane, monobutyl ether	EC No. - Reach No. - CAS No. 9038-95-3	100	-	

3.2: Mixtures

Not applicable

3.3: Additional hints

Occupational exposure limits, where available, are given in section 8.

This mixture does not contain any substances in nanoform or registered as such.

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SECTION 4: First aid measures

4.1: Description of first aid measures

General notes

Do not leave the affected person unattended. Immediately move the affected person away from the hazardous area and take off all contaminated clothing. In case of any doubts or symptoms immediately seek medical assistance.

After inhalation

In case of laboured or interrupted breathing immediately seek medical assistance. Provide fresh air and start first aid measures.

After skin contact

Wash the affected area thoroughly with water and soap.

After eye contact

Take out contact lenses. Thoroughly wash the open eye with water.

After ingestion

Do not induce vomiting. Do rinse the mouth. Give one glass of water. Never give anything by mouth to an unconscious person. Consult a doctor if victim feels unwell.

Protection of the first aider

Avoid all dangerous contact with the substance and take all usual precautions.

4.2: Most important symptoms and effects, both acute and delayed

May cause stinging of eyes and redness. May cause a feeling of sickness, vomiting and diarrhea.

4.3: Indications of immediate medical assistance or specialised treatment

Notes for the doctor

Call a poison control centre for guidance. Gastric lavage with protected airway.

Specialized treatment

No further information.

SECTION 5: Fire fighting measures

5.1: Extinguishing agent

Suitable extinguishing agents

Carbondioxide (CO₂). Foam. Dry chemical. Water fog.

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Unsuitable extinguishing agents

Water jet. Use of heavy stream of water may spread fire.

5.2: Special hazards arising from the substance or mixture

Hazards arising from the substance or mixture

No further information.

Hazardous combustion products

Carbon monoxide may be evolved if incomplete combustion occurs.

5.3: Advice for firefighting

Use adequate respiratory equipment in case of insufficient ventilation.

Special protective equipment for firefighting

No further information.

SECTION 6: Accidental release measures

6.1: Personal precautions, protective equipment and emergency procedures

Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles.

6.2: Environmental protection measures

Avoid release of product into sewers, surface water and/or ground water. In case of large spills, contain with dike.

6.3: Methods and material for retention and cleaning

Collect spilled material in containers. Absorb residues in sand or other inert material. Dispose at an authorised waste collection point. Wash away remainder with plenty of water and soap.

6.4: Reference to other sections

For further information on disposal, see section 13.

SECTION 7: Handling and storage

7.1: Protective measures for safe handling

Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Avoid contact with skin and eyes.

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7.2: Conditions for safe storage considering incompatibilities

Technical measures and storage conditions

Keep in a cool, dry and well-ventilated place.

Packaging materials

Keep only in the original container.

Requirements for storage rooms and containers

No further information.

Instructions on storage compatibility

Storage class: 10 - 13

Further information on storage conditions

No further information.

7.3: Specific end uses

Recommendations

Use only as directed.

Specific solutions for the industrial sector (industry solutions where applicable):

No further information.

SECTION 8: Exposure controls / Personal protective equipment

The information in this section contains general advice and guidance. Information provided is based on typical anticipated uses of the product. Additional measures may be required for handling large quantities or other uses that may significantly increase worker exposure or release into the environment.

8.1: Parameters to be monitored

Occupational exposure limits have not been established for this product. Derived no-effect levels (DNEL) have not been established for this product. Predicted no-effect concentrations (PNEC) have not been established for this product.

8.2: Exposure controls and monitoring

Suitable technical control devices

Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.

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Individual protective measures, for example personal protective equipment

The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the local situation.

General protective and hygienic measures

The usual precautions when managing chemicals must be observed.

Keep away from food, drink and animal feed.

Wash hands before breaks and after work.

Do not inhale gases, vapours, aerosols.

When using do not eat, drink or smoke.

Hand protection



Under normal conditions of use specific gloves are not required. Wear appropriate gloves in case of frequent or prolonged use and in case of large-scale exposure.

Suitable material: nitril. $\pm 0,5$ mm.

Indication of permeation breakthrough time: 4 hours

Body protection

Use of specific protective industrial clothing is not required under normal conditions of use. In case of large-scale exposure wear suitable protective clothing, overalls or suit, and similar boots.

Suitable material: nitril

Eye and face protection



Suitable eye protection: Use appropriate safety glasses.

Breathing protection

Take care of sufficient ventilation.

Thermal protection

Take usual precautions when managing chemicals.

Further protective measures:

No further information.

Environmental exposure controls

Use a suitable container to prevent environmental contamination.

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SECTION 9: Physical and chemical properties

9.1: Information on the basic physical and chemical properties

State of aggregation:	Liquid
Colour:	Light yellow
Odour:	Characteristic
pH value:	Not applicable (Waterfree product)
Melting point and melting range:	Not available
Initial boiling point and boiling range:	Not available
Flammability:	Not available
Lower and upper explosion limit [% in air]:	Not available
Flash point:	> 100 °C (Closed cup)
Decomposition temperature:	Not available
Auto ignition temperature:	> 300 °C
Vapour pressure at 20°C:	< 100 Pa
Relative vapour density:	Not available
Relative density at 20°C:	1,05 g/ml
Solubility in water:	Not soluble.
Partition coefficient n-octanol/water:	Not available
Kinematic viscosity at 20 °C:	> 150 mm ² /s
Kinematic viscosity at 40 °C:	135 - 150 mm ² /s
Evaporation number:	Not available
Explosive Properties:	Not available
Oxidising Properties:	Not available

9.2: Other information

No further information.

SECTION 10: Stability and reactivity

10.1: Reactivity

No further information.

10.2: Chemical stability

No further information.

10.3: Possibility of hazardous reactions

No further information.

10.4: Conditions to avoid

No further information.

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10.5: Incompatible materials

No further information.

10.6: Hazardous decomposition products

No further information.

SECTION 11: Toxicological information

11.1: Information on hazard classes according to Regulation (EC) No. 1272/2008

Acute toxicity

Not classified.

LD50 > 2000 mg/kg.bw. (rat, oral)

LD50 > 2000 mg/kg.bw. (rat, dermal)

LC50 > 5000 mg/m3 (rat, inhalation)

Corrosive/irritant effect on the skin

Not classified

Severe eye damage / irritation

Not classified

Sensitisation of the respiratory tract / skin

Not classified

Germ cell mutagenicity

Not classified

Carcinogenicity

Not classified

Reproductive toxicity

Not classified

Specific target organ toxicity in case of single exposure

Not classified

Specific target organ toxicity in case of repeated exposure

Not classified

Aspiration hazard

Not classified

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Information on other hazards

No further information.

SECTION 12: Environmental information

12.1: Toxicity

Aquatic toxicity:

Not classified.

LC50 100 mg/l (fish, calculated)

EC50 100 mg/l (waterflea, calculated)

12.2: Persistence and degradability

No further information.

12.3: Bioaccumulative potential

No bioaccumulation is expected.

12.4: Mobility in soil

Adsorbs to soil and has low mobility.

12.5: Result of the PBT and vPvB assessment

Not applicable.

12.6: Endocrine disrupting properties

The product does not contain any substances with endocrine-disrupting properties.

12.7: Other adverse effects

No further information.

SECTION 13: Disposal considerations

The information in this section provides general advice and guidance. The list of identified uses in section 1 should be consulted for any application-specific information in the exposure scenarios.

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13.1: Waste treatment process

General recommendation:

Treat product residues and non-empty pack as chemical waste. Dispose waste to an official chemical waste depot. Do not dispose of into the environment, drains, sewers or water courses.

Uncleaned packaging:

Containers may be recycled.

SECTION 14: Transport information

14.1: UN-Number or ID-Number

According to ADR / IMDG / IATA not a dangerous good in the sense of the transport regulations.

14.2: Proper UN-shipping name

According to ADR / IMDG / IATA not a dangerous good in the sense of the transport regulations.

14.3: Transport hazard classes

According to ADR / IMDG / IATA not a dangerous good in the sense of the transport regulations.

14.4: Packaging group

According to ADR / IMDG / IATA not a dangerous good in the sense of the transport regulations.

14.5: Environmental hazards

Indicator of environmentally hazardous substances

ADR/RID/IMDG-Code No

ICAO-TI/IATA-DGR No

14.6: Special precautions for the user

No further information.

14.7: Carriage in bulk by sea in accordance with IMO instruments

No further information.

SECTION 15: Legislation

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

CLP Regulation (EC) No 1272/2008

None of the substances included.

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REACH Regulation (EC) No 1907/2006

None of the substances included.

RoHS Directive (2011/65/EU)

None of the substances included.

Seveso III Directive (2012/18/EU)

None of the substances included.

PIC Regulation (EU) No 649/2012

None of the substances included.

POP Regulation (EU) 2019/1021

None of the substances included.

Ozone Regulation (EC) No 1005/2009

None of the substances included.

Dual-Use Regulation (EU) 2021/821

None of the substances included.

Explosive Precursor Regulation (EU) 2019/1148

None of the substances included.

Drug Precursors Regulation (EC) No 273/2004

None of the substances included.

Storage class (TRGS 510)

LGK 10 -13

Water hazard class

WGK 1 - Self-classification according to AwSV

15.2: Chemical safety assessment

A chemical safety assessment has not been conducted.

SECTION 16: Other notes

The information is based on the present state of our knowledge but does not represent any assurance of product properties and does not establish a contractual legal relationship. The classification of the mixture was made by calculation according to the rules of Annex I in Directive 1272/2008/EU.

16.1: Notes on changes

None.

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16.2: Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
CAS no.	Chemical Abstract Service - Number
CLP	Regulation on classification, labelling and packaging [Regulation (EC) No 1272/2008].
DMEL	Derived exposure level with minimal impairment
DNEL	Derived exposure level without impairment
EC50/EC100	Effective Concentration, resulting in 50/100% of organisms exhibiting a defined effect
EC no.	European Community Number
EN	European Standard
EUH phrase	CLP-specific hazard statement
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
H phrase	Standardised hazard statement according to CLP/GHS
IARC	International Agency for Cancer Research
IATA	Association for International Air Transport
ICAO-TI	Technical instructions and guidelines by the International Civil Aviation Organisation
IMDG	Dangerous goods regulations for international maritime transport
LC/LD	Lethal concentration/dose, resulting in the death of a specified percentage of organisms
LOEC/LOEL	Lowest observed effect concentration/level, resulting in a measurable effect
M-factor	Multiplier used for environmental hazard classification
NOAEC/NOAEL	No observed adverse effect concentration/level
NOEC/NOEL	No observed effect concentration/level
OECD	Organization for Economic Co-operation and Development
OEL	Occupational exposure limit
P phrase	Standardized precautionary statement according to CLP/GHS
PBT	Persistent, bioaccumulate and toxic substance
PNEC	Estimated non-effect concentration
REACH	Registration, Evaluation, Authorization and Restriction of Chemicals
SCL	Specific Concentration Limit

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SDS	Safety data sheet
STEL	Short-term exposure limit
TRGS	Technical rules for hazardous substances
TAW	Time weighted average
RID	Regulations concerning the international carriage of dangerous goods by rail
VOC	Volatile organic compounds
vPvB	Very persistent and very bioaccumulative

16.3: Important literature references and data sources

No further information.

16.4: Classification of mixtures and assessment method used according to Regulation (EC) No. 1272/2008 [CLP]

No further information.

16.5: Wording of H and EUH phrases (number and full text)

No further information.

16.6: Full text of the classifications [CLP/GHS]

No further information.

16.7: Training advice

No further information.

16.8: Additional information

No further information.

Note for the reader:

To the best of our knowledge, the information contained here is correct. However, neither the above-named manufacturer nor its affiliates assume any liability as to the accuracy or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described here, we cannot guarantee that these are the only possible risks.