

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Production date: 26.12.2019

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

- 1.1 Product name** HIKOKI 4-Stroke Oil 10W-40
- **Product form** Mixture
 - **Product code** 714818
 - **Type of product** Lubricants
 - **Product group** Trade product
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
- 1.2.1 Relevant identified uses**
- **Main use category** Industrial use, Professional use, Consumer use
 - **Use of the substance/mixture** Engine oil
- 1.2.2 Uses advised against**
- No additional information available
- 1.3 Supplier** Hikoki Power Tools Netherlands BV
Brabanthaven 11
NL-3433 PJ Nieuwegein
Tel.: +0031-(0)30-6084040
- **Further information obtainable from:** Product safety department
msds@Hikoki-accessories.eu
- 1.4 Information in case of emergency:** 0031 (0)30-6084040

2 Hazards identification

- 2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No. 1272/2008** Not classified
 - **Adverse physicochemical, human health and environmental effects** To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.
- 2.2 Labelling according to Regulation (EC) No. 1272/2008 [CLP]** No labelling applicable
- 2.3 Other hazards** No additional information available

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3 Composition / Information on ingredients

3.1 Substances	Not applicable
3.2 Mixtures	
Comments	Highly refined mineral oils and
Comments	The highly refined mineral oil contains <3% (w/w) DMSOextract, according to IP346.
This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II	

4 First aid measures

4.1 Description of first aid measures	
<ul style="list-style-type: none"> • First-aid measures general • First-aid measures after inhalation • First-aid measures after skin contact • First-aid measures after eye contact • First-aid measures after ingestion 	<p>If you feel unwell, seek medical advice (show the label where possible).</p> <p>Remove person to fresh air and keep comfortable for breathing.</p> <p>Wash skin with plenty of water.</p> <p>Rinse eyes with water as a precaution.</p> <p>Call a poison center or a doctor if you feel unwell. Do not induce vomiting.</p>
4.2 Most important symptoms and effects, both acute and delayed	
<ul style="list-style-type: none"> • Symptoms/effects • Symptoms/effects after ingestion 	<p>No additional information available. Not expected to present a significant hazard under anticipated conditions of normal use.</p> <p>May result in aspiration into the lungs, causing chemical pneumonia.</p>
4.3 Indication of any immediate medical attention and special treatment needed	Treat symptomatically

5 Firefighting measures

5.1 Extinguishing media	
<ul style="list-style-type: none"> • Suitable extinguishing media • Unsuitable extinguishing media 	<p>Water spray. Dry powder. Foam. Carbon dioxide.</p> <p>Do not use a heavy water stream.</p>
5.2 Special hazards arising from the substance or mixture	
<ul style="list-style-type: none"> • Fire hazard • Hazardous decomposition products in case of fire 	<p>Combustible liquid.</p> <p>Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases.</p>
5.3 Advice for firefighter	
<ul style="list-style-type: none"> • Protection during firefighting 	<p>Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.</p>

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6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

- **Emergency procedures** Ventilate spillage area.

6.1.2 For emergency responders

- **Protective equipment** Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

- **Methods for cleaning up** Take up liquid spill into absorbent material.
- **Other information** Dispose of materials or solid residues at an authorized site.

6.4 Reference to other sections

For further information refer to section 13

7 Handling and storage

7.1 Precautions for safe handling

Provide good ventilation in process area to prevent formation of vapour.

- **Hygiene measures** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2 Conditions for safe storage, including any incompatibilities

- **Storage conditions** Keep container closed when not in use. Keep in a cool, well-ventilated place away from heat.
- **Storage temperature** 0 - 40 °C

7.3 Specific end use(s)

No additional information available

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8 Exposure controls/personal protection

8.1 Control parameters

HiKOKI 4-Stroke Oil 10W-40

- EU

Exposure limits/standards for materials that can be formed when handling this product. When mists/aerosols can occur the following is recommended: 5 mg/m³ - AGGIH TLV (inhalable fraction).

8.2 Exposure controls

- **Appropriate engineering controls:** Ensure good ventilation of the work station.
- **Materials for protective clothing:** Wear suitable protective clothing
- **Hand protection:** Protective gloves

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves	Nitrile rubber (NBR), Neoprene rubber (HNBR)	5 (> 240 minutes), 6 (> 480 minutes)	>=0,35		EN ISO 374

Eye protection:

Type	Use	Characteristics	Standard
Safety glasses	Droplet	Clear	EN166

- **Skin and body protection:** Wear suitable protective clothing
- **Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment
- **Personal protective equipment symbol(s)**



- **Environmental exposure controls** Avoid release to the environment

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9 Physical and chemical properties

9.1	• Physical state	liquid
	• Colour	green
	• Odeur	characteristic
	• Odour threshold	No data available
	• pHysical state	No data available
	• Relative evaporation rate (butylacetate=1)	No data available
	• Melting point	Not applicable
	• Freezing point	-39 °C - ASTM D5950 (pour point)
	• Boiling point	No data available
	• Flash point	216 °C - ASTM D92 (COC)
	• Auto-ignition temperature	No data available
	• Decomposition temperature	No data available
	• Flammability (solid, gas)	Not applicable
	• Vapour pressure	No data available
	• Relative vapour density at 20 °C	No data available
	• Relative density	No data available
	• Density	0,867 kg/l (15 °C) - ASTM D4052
	• Solubility	Water: Practically not miscible.
	• Log Pow	No data available
	• Viscosity, kinematic	96,1 mm ² /s (40 °C) - ASTM D7279
	• Viscosity, dynamic	No data available
	• Explosive properties	Presents no particular fire or explosion hazard
	• Oxidising properties	No data available
	• Explosive limits	No data available
9.2	Other information	
	• VOC content	0 %

10 Stability and reactivity

10.1	Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
10.2	Chemical stability	Stable under normal conditions.
10.3	Possibility of hazardous reactions	Reacts violently with (strong) oxidizers.
10.4	Conditions to avoid	None under recommended storage and handling conditions (see section 7).
10.5	Incompatible materials	No additional information available
10.6	Hazardous decomposition products	No decomposition if stored normally.

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11 Toxicological information

• Acute toxicity (oral)	Not classified
• Acute toxicity (dermal)	Not classified
• Acute toxicity (inhalation)	Not classified
• Skin corrosion/irritation	Not classified
• Serious eye damage/irritation	Not classified
• Respiratory or skin sensitisation	Not classified
• Germ cell mutagenicity	Not classified
• Carcinogenicity	Not classified
• Reproductive toxicity	Not classified
• STOT-single exposure	Not classified
• STOT-repeated exposure	Not classified
• Aspiration hazard	Not classified

12 Ecological information

12.1 Toxicity

• Ecology - general	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
• Acute aquatic toxicity	Not classified
• Chronic aquatic toxicity	Not classified

12.2 Persistence and degradability

No additional information available

12.3 Bioaccumulative potential

No additional information available

12.4 Mobility in soil

No additional information available

HiKOKI 4-Stroke Oil 10W-40	
• Viscosity, kinematic	96,1 mm ² /s (40 °C) - ASTM D7279

12.5 Results of PBT and vPvB assessment

No additional information available

12.6 Other adverse effects

No additional information available

13 Disposal considerations

13.1 Waste treatment methods

Dispose of contents/container in accordance with licensed collector's sorting instructions.

- Product/Packaging disposal recommendations

Dispose in a safe manner in accordance with local/national regulations.

- European List of Waste (LoW) code

13 02 05 - mineral-based non-chlorinated engine, gear and lubricating oils

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14 Transport information

14.6 Special precautions for user

- Overland transport Not applicable
- Transport by sea Not applicable
- Air transport Not applicable
- Inland waterway transport Not applicable
- Rail transport Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable

In accordance with ADR / RID / IMDG / IATA / ADN						
		ADR	IMDG	IATA	ADN	RID
14.1	UN number	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2	UN proper shipping name	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3	Transport hazard class(es)	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4	Packing group	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5	Environmental hazards	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

15 Regulatory information

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

15.1.1 EU-Regulations

- Contains no REACH substances with Annex XVII restrictions
- Contains no substance on the REACH candidate list
- Contains no REACH Annex XIV substances
- Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.
- Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

- VOC content 0%

15.1.2 National regulations No additional information available

15.2 Chemical safety assessment No chemical safety assessment has been carried out

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16 Other information

Indication of changes

Section	Changed item	Change	Comments
3	Composition/information on ingredients	Modified	

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
vPvB	Very Persistent and Very Bioaccumulative

SDS EU (REACH Annex II) This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.