

Safety data sheet

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



Trade name: HiKOKI Cutting oil spray 500ml BM20Y

HiKOKI no.: 712074

Version / Language: 1.0/EN

Site 1 from 16

Date: 15.01.2026

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

1.1: Product identifier

Product form:	Mixture
Trade name:	HiKOKI Cutting oil spray 500ml BM20Y
Unique Formula Identifier – UFI:	-
Product type:	Metalworking fluid

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

Relevant identified uses

Use as cutting oil

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]

Aerosol 1; H222-H229 - Extremely flammable aerosol. Pressurised container: May burst if heated.

Safety data sheet

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



Trade name: HiKOKI Cutting oil spray 500ml BM20Y

HiKOKI no.: 712074

Version / Language: 1.0/EN

Site 2 from 16

Date: 15.01.2026

Other information

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

2.2: Labelling elements

Hazard pictogram:



Signal word: Danger

Hazard statements (H-phrases):

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Precautionary statements (P-phrases):

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P260 Do not breathe mist/vapours/spray.
P280 Wear protective gloves / eye protection.
P403+P235 Store in a well-ventilated place. Keep cool.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122 °F.
P501 Dispose of contents/container in accordance with local / regional / national / international regulations.

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.

Although this product is not subject to labelling, we recommend that the safety advice be followed.

SECTION 3: Composition / information on ingredients

3.1: Substances

Not applicable

Safety data sheet

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



Trade name: HiKOKI Cutting oil spray 500ml BM20Y

HiKOKI no.: 712074

Version / Language: 1.0/EN

Site 3 from 16

Date: 15.01.2026

3.2: Mixtures

Active substance with propellant.

Composition / information on ingredients

Substance name	Product identifier	Concentration [%]	Classification according to Regulation (EC) Nr. 1272/2008 [CLP]	SCL, ATE (oral, dermal, inhalative), M-factor (acute, chronic)
butane (containing < 0.1% butadiene (203-450-8), Note K)	EC No. 203-448-7 Reach No. 01-2119474691-32 CAS No. 106-97-8	10-<25%	Flam. Gas 1A (H220); Press. Gas (Comp.), (H280)	
propane	EC No. 200-827-9 Reach No. 01-2119486944-21 CAS Nr. 74-98-6	10-<25%	Flam. Gas 1A (H220); Press. Gas (Comp.), (H280)	
isobutane (containing < 0,1 % butadiene (203-450-8), Note K)	EC No. 200-857-2 Reach No. 01-2119485395-27 CAS No. 75-28-5	1-<2.5%	Flam. Gas 1A (H220); Press. Gas (Comp.), (H280)	

3.3: Additional hints

Aerosols and containers fitted with a solid atomizer containing substances or mixtures classified as hazardous by aspiration shall not be labelled for that hazard.

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

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

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.

Safety data sheet

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



Trade name: HiKOKI Cutting oil spray 500ml BM20Y

HiKOKI no.: 712074

Version / Language: 1.0/EN

Site 4 from 16

Date: 15.01.2026

After inhalation

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

After skin contact

The product generally does not irritate the skin.

After eye contact

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

After ingestion

Do not induce vomiting; call for medical help immediately.

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

No further information.

4.3: Indications of immediate medical assistance or specialised treatment

Notes for the doctor

No further information.

Specialized treatment

No further information.

SECTION 5: Fire fighting measures

5.1: Extinguishing agent

Suitable extinguishing agents

Water haze, Fire-extinguishing powder, Carbon dioxide, Alcohol resistant foam

Unsuitable extinguishing agents

Water with full jet

5.2: Special hazards arising from the substance or mixture

Hazards arising from the substance or mixture

No further information.

Hazardous combustion products

No further information.

Safety data sheet

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



Trade name: HiKOKI Cutting oil spray 500ml BM20Y

HiKOKI no.: 712074

Version / Language: 1.0/EN

Site 5 from 16

Date: 15.01.2026

5.3: Advice for firefighting

Mount respiratory protective device.

Special protective equipment for firefighting

No further information.

SECTION 6: Accidental release measures

6.1: Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2: Environmental protection measures

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

6.3: Methods and material for retention and cleaning

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents.

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

Measures to prevent fires

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

Measures to prevent aerosol and dust formation

No further information.

Measures to protect the environment

No further information.

Advice on general hygiene in the workplace

The usual precautionary measures for handling chemicals must be observed.

Safety data sheet

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



Trade name: HiKOKI Cutting oil spray 500ml BM20Y

HiKOKI no.: 712074

Version / Language: 1.0/EN

Site 6 from 16

Date: 15.01.2026

7.2: Conditions for safe storage considering incompatibilities

Technical measures and storage conditions

No further information.

Packaging materials

No further information.

Requirements for storage rooms and containers

Store in a cool, dry location. Protect from heat and direct sunlight. Observe official regulations on storing packaging with pressurised containers.

Instructions on storage compatibility

Storage class: 2B

Observe official regulations on storing packaging with pressurised containers.

Further information on storage conditions

No further information.

7.3: Specific end uses

Recommendations

No further information.

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 limit values

CAS: 106-97-8

WEL (UK)

Short-term value: 1810 mg/m³, 750ppm

Long-term value: 1450 mg/m³, 600ppm

Carc (if more than 0.1% of buta-1,3-diene)

CAS: 74-98-6

OEL

Long-term value: 1800 mg/m³, 1000ppm

Safety data sheet

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



Trade name: HiKOKI Cutting oil spray 500ml BM20Y

HiKOKI no.: 712074

Version / Language: 1.0/EN

Site 7 from 16

Date: 15.01.2026

CAS: 75-28-5

OEL Long-term value: 2400 mg/m³, 1000ppm

Inhalation Short- / Long-term, systemic / local ... mg/m³ (worker)

Short- / Long-term, systemic / local ... mg/m³ (consumer)

Additional notes:

The lists valid at the time of compilation served as a basis.

8.2: Exposure controls and monitoring

Suitable technical control devices

No further information.

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. Provide general ventilation.

Hand protection



Wear gloves for the protection against chemicals according to EN 374. Wear solvent resistant gloves. Selection of the glove material should be made on consideration of the penetration times, rates of diffusion and the degradation. Please contact the glove supplier for the exact breakthrough time and ensure full compliance with their instructions.

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

Body protection

Use protective suit. (EN-13034/6)

Full skin covering antistatic, chemical and oil-resistant clothing and safety shoes are recommended. (EN1149; EN340 & EN ISO 13688; EN13034-6).

Eye and face protection



Suitable eye protection: Use tightly sealed safety goggles.

Further protective measures:

No further information.

Safety data sheet

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



Trade name: HiKOKI Cutting oil spray 500ml BM20Y

HiKOKI no.: 712074

Version / Language: 1.0/EN

Site 8 from 16

Date: 15.01.2026

Breathing protection

Use suitable respiratory protective device in case of insufficient ventilation.
The Filter A2/P2 is advised.

Thermal protection

Take usual precautions when managing chemicals.

Environmental exposure controls

Use a suitable container to prevent environmental contamination.

SECTION 9: Physical and chemical properties

9.1: Information on the basic physical and chemical properties

Physical state:	Aerosol
Colour:	According to product specification
Odour:	Characteristic
pH value:	Mixture is non-polar/aprotic
Melting point and melting range:	Not available
Initial boiling point and boiling range:	-44.5°C
Flammability:	Not available
Lower an upper explosion limit (% in air):	1.5 - 10.9
Flash point:	-97°C
Decomposition temperature:	Not available
Auto ignition temperature:	365°C
Vapour pressure at 20°C:	8300 hPa
Relative vapour density:	Not available
Relative density at 20°C:	0.761 g/cm ³
Solubility in water:	Not miscible or difficult to mix.
Partition coefficient n-octanol/water:	Not available
Kinematic viscosity at 40 °C:	Not available
Evaporation number:	Not available
Explosive Properties:	Product is not explosive. Formation of explosive vapour mixtures possible.
Oxidising Properties:	Not available

9.2: Other information

Extremely flammable aerosol. Pressurised container:
May burst if heated.

SECTION 10: Stability and reactivity

10.1: Reactivity

No further information.

Safety data sheet

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



Trade name: HiKOKI Cutting oil spray 500ml BM20Y

HiKOKI no.: 712074

Version / Language: 1.0/EN

Site 9 from 16

Date: 15.01.2026

10.2: Chemical stability

No further information.

10.3: Possibility of hazardous reactions

No dangerous reactions known.

10.4: Conditions to avoid

No further information.

10.5: Incompatible materials

No further information.

10.6: Hazardous decomposition products

No decomposition if used according to specifications.

No dangerous decomposition products known.

SECTION 11: Toxicological information

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

Acute toxicity

Based on available data, the classification criteria are not met.

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

Safety data sheet

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



Trade name: HiKOKI Cutting oil spray 500ml BM20Y

HiKOKI no.: 712074

Version / Language: 1.0/EN

Site 10 from 16

Date: 15.01.2026

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

Information on other hazards

No further information.

SECTION 12: Environmental information

12.1: Toxicity

Aquatic toxicity:

Not hazardous for water.

12.2: Persistence and degradability

Not easily biodegradable.

12.3: Bioaccumulative potential

No further information.

12.4: Mobility in soil

No further information.

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.

Safety data sheet

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



Trade name: HiKOKI Cutting oil spray 500ml BM20Y

HiKOKI no.: 712074

Version / Language: 1.0/EN

Site 11 from 16

Date: 15.01.2026

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.

13.1: Waste treatment process

General recommendation:

Mus be given special treatment in compliance with official regulations.

Must not be disposed of together with household waste. Do not allow to enter drains.

Waste code number:

...

The waste codes given are recommendations based on the expected use of this product. Due to the specific use and disposal conditions at the user's site, other waste codes may be assigned under certain circumstances. (2014/955/EU).

European Waste Catalogue:

...

Uncleaned packaging:

Dispose in accordance with official regulations.

SECTION 14: Transport information

14.1: UN-Number or ID-Number

UN1950

14.2: Proper UN-shipping name

ADR, ADN:	UN1950 AEROSOLS
IMDG:	AEROSOLS
IATA:	AEROSOLS, flammable

14.3: Transport hazard classes

ADR, ADN:

Class:	2 5F Gases
Label:	2.1

IMDG, IATA:

Class:	2.1 Gases
Label:	2.1



Safety data sheet

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



Trade name: HiKOKI Cutting oil spray 500ml BM20Y

HiKOKI no.: 712074

Version / Language: 1.0/EN

Site 12 from 16

Date: 15.01.2026

14.4: Packaging group

No further information.

14.5: Environmental hazards

Indicator of environmentally hazardous substances

ADR/RID/IMGD-Code No

ICAO-TI/IATA-DGR No

14.6: Special precautions for the user

Warning: Gases

Kemler Code: -

EMS Number: F-D; S-U

Stowage Code:

SW1 Protected from sources of heat.

SW22 For AEROSOLS with a maximum capacity of 1 litre:
Category A.

For AEROSOLS with a capacity above 1 litre:
Category B.

For WASTE AEROSOLS:
Category C, Clear of living quarters.

Segregation Code:

SG69 For AEROSOLS with a maximum capacity of 1 litre:
Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.

For AEROSOLS with a capacity above 1 litre:
Segregation as for the appropriate subdivision of class 2.

For WASTE AEROSOLS:
Segregation as for the appropriate subdivision of class 2.

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

No further information.

Safety data sheet

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



Trade name: HiKOKI Cutting oil spray 500ml BM20Y

HiKOKI no.: 712074

Version / Language: 1.0/EN

Site 13 from 16

Date: 15.01.2026

14.8: Additional information

ADR:

Limited quantities (LQ) 1L

Excepted quantities (EQ) Code: E0, Not permitted as Excepted Quantity

Transport category 2

Tunnel restriction code D

IMDG:

Limited quantities (LQ) 1L

Excepted quantities (EQ) Code: E0, Not permitted as Excepted Quantity

UN "Model Regulation": UN 1950 AEROSOLS, 2.1

SECTION 15: Legislation

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

CLP Regulation (EC) No 1272/2008

This product fulfils all relevant regulatory requirements.

REACH Regulation (EC) No 1907/2006

This product fulfils all relevant regulatory requirements.

RoHS Directive (2011/65/EU)

None of the substances included.

Seveso III Directive (2012/18/EU)

Named dangerous substances - ANNEX I: None of the ingredients is listed.

Seveso category: P3a FLAMMABLE AEROSOLS

Qualifying quantity (tonnes) for the application of lower-tier requirements: 150 t

Qualifying quantity (tonnes) for the application of upper-tier requirements: 500 t

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.

Safety data sheet

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



Trade name: HiKOKI Cutting oil spray 500ml BM20Y

HiKOKI no.: 712074

Version / Language: 1.0/EN

Site 14 from 16

Date: 15.01.2026

VOC Directive 2010/75/EU

VOC content: 228.3 g/L

(VOC-CH 30.00%)

Explosive Precursor Regulation (EU) 2019/1148

None of the substances included.

Drug Precursors Regulation (EC) No 273/2004

None of the substances included.

Danish MAL Code

1-1

Storage class (TRGS 510)

LGK 2B

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.

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

Safety data sheet

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



Trade name: HiKOKI Cutting oil spray 500ml BM20Y

HiKOKI no.: 712074

Version / Language: 1.0/EN

Site 15 from 16

Date: 15.01.2026

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
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

Safety data sheet

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



Trade name: HiKOKI Cutting oil spray 500ml BM20Y

HiKOKI no.: 712074

Version / Language: 1.0/EN

Site 16 from 16

Date: 15.01.2026

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)

H220	Extremely flammable gas
H222	Extremely flammable aerosol
H229	Pressurised container: May burst if heated
H280	Contains gas under pressure

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

Aerosol 1:	Aerosols, category 1
Press. Gas:	Gases under pressure
Flam. Gas 1A:	Flammable Gas, category 1A

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.