

Safety Data Sheet

Mineral cutting oil

Version: V1.0.0.1

Creation Date 2017/07/10

Revision Date 2022/09/22

*Prepared according to UN GHS (the 6th revised edition)

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1 Identification of the chemical and supplier

Product identifier

Product Name	Mineral cutting oil
Trade Name	None
CAS No.	8042-47-5
EC No.	232-455-8
Molecular Formula	CnH2n+1

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

Relevant identified uses	Used in stone cutting.
Uses advised against	Please consult manufacturer.

Details of the supplier of the Safety Data Sheet

Name of the company	SHENZHEN JUNHANCHENG CO., LTD
Address of the company	151# JIANGSHI ROAD, GONGMING TOWN, GUANGMING DISTRICT, SHENZHEN CITY, CHINA
Post code	518000
Telephone number	13751187413
Fax number	/
E-mail address	lynnlxjun@gmail.com

Emergency phone number

Emergency phone number	13751187413
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2 Hazards identification

Hazard classification according to GHS

Skin Corrosion/Irritation	None
Eye Damage/Irritation	None

Label elements

Hazard pictograms	None
Signal word	None

Hazard statements

H302	Swallowing harmful
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Precautionary statements

◆ Prevention

P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Only can be used outdoors or well ventilated place.
P280	Wear protective gloves/protective clothing/eye protection/face protection

◆ Response

P312	If feeling unwell, call detoxification center/doctor.
P330	Rinse mouth
P301+P312	If accidentally swallowed: if feeling unwell, call poisoning first-aid center/doctor.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P362+P364	Take off all clothes stained, cleaning the rear can use again.

◆ Storage

Storage	Store in a cool, dry place. Store in a tightly closed container.
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◆ Disposal

P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
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Hazard description

◆ Physical and chemical hazards

	Solid, soluble in water, Slightly soluble in alcohol, glycerol. Insoluble in acetone.
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◆ Health hazards

Inhaled	The product is not thought to produce either adverse health effects or irritation of the respiratory tract following discomfort.
Ingestion	Accidental ingestion of the product may be harmful to the health of the individual.
Skin Contact	The product can cause skin irritation
Eye	None

◆ Environmental hazards

	Please refer to 12th chapter of SDS.
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3 Composition/information on ingredients

Component	Cas No.	Concentration (weight percent, %)
White mineral oil	8042-47-5	≥98

4 First aid measures

Description of first aid measures

General advice	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
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Eye contact	Flush eyes with water as a precaution
Skin contact	Wash off with soap and plenty of water
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
Protecting of first-aiders	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

| Most important symptoms and effects, both acute and delayed

1	Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure.
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| Indication of any immediate medical attention and special treatment needed

1	Treat symptomatically.
2	Symptoms may be delayed.

5 Firefighting measures

| Extinguishing media

Suitable extinguishing media	Dry chemical, carbon dioxide, water spray, alcohol-resistant foam.
Unsuitable extinguishing media	There is no restriction on the type of extinguisher which may be used.

| Specific hazards arising from the substance or mixture

1	Fire exposed containers may vent contents through pressure relief valves.
2	May expansion or decompose explosively when heated or involved in fire.
3	Development of hazardous combustion gases or vapor possible in the event of fire.

| Advice for firefighters

1	As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
2	Fight fire from a safe distance, with adequate cover.
3	Prevent fire extinguishing water from contaminating surface water or the ground water system.

6 Accidental release measures

| Personal precautions, protective equipment and emergency procedures

1	Ensure adequate ventilation. Remove all sources of ignition.
2	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
3	Use personal protective equipment. Avoid breathing vapours, mist, gas or dust.

| Environmental precautions

1	Prevent further leakage or spillage if safe to do so.
2	Discharge into the environment must be avoided.
3	Prevent leakage into the water, sewer, basement or confined space.

| Methods and materials for containment and cleaning up

1	Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
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| 2 | Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations. |
| 3 | Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. |

7 Handling and storage

Precautions for handling

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| 1 | Handling is performed in a well ventilated place. |
| 2 | Keep away from heat/sparks/open flames/ hot surfaces. |
| 3 | Keep away from sources of ignition - No smoking. |
| 4 | Avoid formation of dust and aerosols. |

Precautions for storage

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| 1 | Keep containers in a dry, cool and well-ventilated place. |
| 2 | Keep away from heat/sparks/open flames/ hot surfaces. |
| 3 | Store away from incompatible materials and foodstuff containers. |

8 Exposure controls/personal protection

Control parameters

◆ Biological limit values

Biological limit values	No information available
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◆ Monitoring methods

1	EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
2	GBZ/T 160.1~GBZ/T 160.81-2004 Determination of toxic substances in workplace air (Series standard) .

Engineering controls

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| 1 | Ensure adequate ventilation, especially in confined areas. |
| 2 | Ensure that eyewash stations and safety showers are close to the workstation location. |
| 3 | Use explosion-proof electrical/ventilating/lighting/equipment. |
| 4 | Set up emergency exit and necessary risk-elimination area. |

Personal protection equipment

General requirement	
Eye protection	If necessary Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US).
Hand protection	If necessary Wear protective gloves (such as butyl rubber) , passing the tests according to EN 374(EU),US F739 or AS/NZS 2161.1 standard.
Respiratory protection	If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.
Skin and body protection	If necessary Wear fire/flame resistant/retardant clothing and antistatic boots.

9 Physical and chemical properties

Physical and chemical properties

Appearance	Colorless liquid
Odor	Odorless
Odor threshold	No information available
pH	No information available
Melting point/freezing point(°C)	No information available
Initial boiling point and boiling range(°C)	300°C
Flash point(Closed cup, °C)	182°C
Evaporation rate	Not applicable
Flammability(solid, gas)	Not combustible
Upper/lower explosive limits[%(v/v)]	Not applicable
Vapor pressure(kPa)	Not applicable
Vapor density(Air=1)	>1
Relative density(Water=1)	0.872 g/cm ³
Solubility(mg/L)	Insolubility in water
n-octanol/water partition coefficient	No information available
Auto-ignition temperature(°C)	Not applicable
Decomposition temperature(°C)	Not applicable
Viscosity(mm²/s)	Not applicable
Particle characteristics	Not applicable

10 Stability and reactivity

| Stability and reactivity

Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
Chemical stability	Stable under proper operation and storage conditions.
Possibility of hazardous reactions	Reacts with active metals and poses an explosive potential or fire.
Conditions to avoid	Incompatible materials, heat, flame and spark.
Incompatible materials	Active metal, alcohols, aldehydes, carbon disulfide, carbon, sulfur, phosphorus, boron, acids, reducing agents, metallic acetylenes and metallic carbonates.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological information

| Carcinogenicity

ID	Cas No.	Component	IARC	NTP
1	8042-47-5	≥98	Not Listed	Not Listed

| Others

White mineral oil	
Skin corrosion/irritation	No information available

Serious eye damage/irritation	No information available
Skin sensitization	No information available
Respiratory sensitization	No information available
Reproductive toxicity	No information available
STOT-single exposure	No information available
STOT-repeated exposure	No information available
Aspiration hazard	No information available
Germ cell mutagenicity	No information available
Reproductive toxicity	No information available

12 Ecological information

| Acute aquatic toxicity

Acute aquatic toxicity	No information available
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| Chronic aquatic toxicity

Chronic aquatic toxicity	No information available
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| Others

Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Mobility in soil	No information available.
Results of PBT and vPvB assessment	The components of the product do not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.

13 Disposal considerations

| Disposal considerations

Waste chemicals	If medical advice is needed, have product container or label at hand.
Contaminated	Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.
Disposal recommend	Refer to section 13.1 and 13.2.
Others	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Disposal should be in regulations. The generation of waste should be avoided or minimized

14 Transport information

| Label

Label	Not applicable
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| IMDG-CODE

IMDG-CODE	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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| ICAO/IATA-DG

ICAO/IATA-DG	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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UN-ADR**UN-ADR**

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

15 Regulatory information**International chemical inventory**

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS
White mineral oil	Listed	Listed	Listed	Listed	Listed	Listed	Listed	Listed

【EINECS】 European Inventory of Existing Commercial Chemical Substances

【TSCA】 United States Toxic Substances Control Act Inventory

【DSL】 Canadian Domestic Substances List

【IECSC】 China Inventory of Existing Chemical Substances

【NZIoC】 New Zealand Inventory of Chemicals

【PICCS】 Philippines Inventory of Chemicals and Chemical Substances

【KECI】 Existing and Evaluated Chemical Substances

【AICS】 Australia Inventory of Chemical Substances

16 Others**Information on revision**

Creation Date	2017/07/10
Revision Date	2022/09/22
Reason for revision	-

Reference

[1]IPCS:The International Chemical Safety Cards (ICSC) ,website: <http://www.ilo.org/dyn/icsc/showcard.home>.

[2]IARC, website: <http://www.iarc.fr/>.

[3]OECD: The Global Portal to Information on Chemical Substances, website: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en.

[4]CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>.

[5]NLM:ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>.

[6]EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/iris/>.

[7]U.S. Department of Transportation:ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>.

[8]Germany GESTIS-database on hazard substance, website: <http://gestis-en.itrust.de/>.

Abbreviations and acronyms

CAS –Chemical Abstracts Service

PC-STEL- Short term exposure limit

DNEL - Derived No Effect Level

RPE - Respiratory Protective Equipment

LC₅₀ - Lethal Concentration 50%

NOEC -No Observed Effect Concentration

PBT - Persistent, Bioaccumulative, Toxic

BCF - Bioconcentration factor (BCF)

CMR - Carcinogens, mutagens or substances toxic to reproduction

PC-TWA - Time Weighted Average

IARC - International Agency for Research on Cancer

PNEC –Predicted No Effect Concentration

LD₅₀ - Lethal Dose 50%

EC₅₀ - Effective Concentration 50%

POW - Partition coefficient Octanol:Water

vPvB - very Persistent, very Bioaccumulative

IMDG-International Maritime Dangerous Goods

ICAO/IATA-International Civil Aviation Organization/International Air
Transportation Association

UN-The United Nations

ACGIH-American Conference of Governmental Industrial Hygienists

NFPA-National Fire Protection Association

OECD-Organization for Economic Co-operation and Development

| Disclaimer

This Safety Data Sheet (SDS) was prepared according to UN GHS (the 6th revised edition). The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.