

Safety Data Sheet(SDS)

Report No.: GNWC24071607EN

Date: Aug. 09, 2024

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Lubricating paste

*According to GHS (Tenth Revised Edition)

1 Identification

| Product identifier

Product Name	Lubricating paste
CAS No.	8042-47-5
EC No.	232-455-8
Molecular Formula	C ₁₅ H ₁₅ N

| Recommended use of the product and restrictions on use

Relevant identified uses	Tire repair tool.
Uses advised against	Please consult manufacturer.

| Details of the supplier

Name of the company	NINGBO SIMING AUTOMOTIVE CO., Ltd.
Address of the company	No. 360 Qiushi Road, Wangchun Industrial Park, Ningbo
Post code	—
Telephone number	+86-15867211067
Fax number	—
E-mail address	343785592@qq.com

| Emergency phone number


Emergency phone number	+86-15867211067
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2 Hazard(s) identification

| Hazard classification according to GHS(Tenth revised edition)

Acute Toxicity - Inhalation	Category 1
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| GHS Label elements

Hazard pictograms	
Signal word	Not applicable

| Hazard statements

H304	May be fatal if swallowed and enters airways
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Precautionary statements

◆ Prevention

Prevention	Not applicable
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◆ Response

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P331	Do NOT induce vomiting

◆ Storage

P405	Store locked up
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◆ Disposal

P501	Dispose of contents/container to approved waste treatment plant for processing
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Hazard description

◆ Physical and chemical hazards

	No information available
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◆ Health hazards

	No information available
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◆ Environmental hazards

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

Substance/mixture

	Substance
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Component	CAS No.	EC No.	Concentration (Volume or weight percent, %)
Mineral oil	8042-47-5	232-455-8	100

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.
Eye contact	Rinse eyes with plenty of water.
Skin contact	Rinse with soap and plenty of water. Consult a doctor.
Ingestion	Do not induce vomiting. Do not feed anything to an unconscious person. Rinse mouth with water. Please consult a doctor.

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Inhalation	If inhaled, please move the patient to fresh air. If breathing stops, perform artificial respiration. Please consult a doctor.
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| Most important symptoms/effects, acute and delayed

1	Please see section 11.
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| Indication of any immediate medical attention and special treatment needed

1	Treat symptomatically.
2	Symptoms may be delayed.

5 Fire-fighting measures

| Extinguishing media

Suitable extinguishing media	Metal dust fire shall be extinguished by water mist, alcohol resistant foam, inert dry powder or carbon dioxide.
Unsuitable extinguishing media	No information available.

| Specific hazards arising from the substance or mixture

1	No information available.
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| Special protective equipment and precautions for fire-fighters

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.
2	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
3	Use personal protective equipment. Do not inhale steam, mist or gas.

| Environmental precautions

1	Take measures to prevent further leakage or overflow while ensuring safety.
2	Avoid discharging into the surrounding environment.

| Methods and materials for containment and cleaning up

1	Absorb with inert adsorbent materials and treat as hazardous waste.
2	Attachments or collections should be stored in suitable sealed containers and disposed of in accordance with local laws and regulations.

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7 Handling and storage

Precautions for safe handling

1	Handling is performed in a well ventilated place.
2	Avoid contact with eyes.
3	Avoid inhaling steam or mist droplets.

Conditions for safe storage, including any incompatibilities

1	Keep containers tightly closed.
2	Keep containers in a dry, cool and well-ventilated place.

8 Exposure controls/personal protection

Control parameters

Occupational Exposure limit values	No relevant regulations
◆ Biological limit values	
Biological limit values	No relevant regulations
◆ 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 300 series standard Determination of toxic substances in workplace air.

Engineering controls

1	Handle in accordance with good industrial hygiene and safety practice.
2	Wash hands before rest and at the end of work.

Personal protection equipment

General requirement	No special requirements, please see the description below.
Eye and face protection	Please use equipment that has been tested and approved by official standards such as NIOSH (USA) or EN166 (EU) to protect your eyes with face masks and safety goggles.
Skin protection	Gloves must be inspected before use. Please use appropriate methods to remove gloves (do not touch the outer surface of the gloves) and avoid any skin contact with this product. Please handle contaminated gloves carefully according to relevant laws, regulations, and effective laboratory rules and procedures after use. Please clean and blow dry your hands. The selected protective gloves must comply with EU regulations 89/686/EEC and the derived EN376 standard.
Body protection	The complete set of chemical resistant work clothes and the type of protective equipment must be selected based on the concentration and quantity of

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	hazardous substances in the specific workplace.
Respiratory system protection	If the hazard assessment indicates the need for air purifying gas masks, please use full face multi-functional gas masks (US) or ABEK type (EN14387) gas mask cartridges as backup for engineering control. If a gas mask is the only way, use a full face ventilation gas mask. Respirators and parts that have been tested and passed government standards such as NIOSH (US) or ECN (EU).

9 Physical and chemical properties and safety characteristics

| Physical and chemical properties

Physical state	Liquid (paste)
Colour	Milky white
Odor	Characteristics
Odor threshold	No information available
pH	No information available
Melting point/freezing point(°C)	Approximately -14.99°C at approximately 1.013hPa
Initial boiling point and boiling range(°C)	218-800°C at approximately 1.013hPa
Flash point(Closed cup, °C)	> 93°C
Evaporation rate	No information available
Flammability	No information available
Upper/lower explosive limits[%(v/v)]	No information available
Vapor pressure	< 0.0001hPa at 20°C
Relative vapour density(Air = 1)	No information available
Relative density(Water=1)	0.81-0.89g/cm ³ at 15°C
Solubility	Insoluble in water
n-octanol/water partition coefficient	No information available
Auto-ignition temperature (°C)	325-355°C at 1.013hPa
Decomposition temperature (°C)	No information available
Kinematic viscosity	≤20.5mm ² /s at 40°C
Particle characteristics	No information available

10 Stability and reactivity

| Stability and reactivity

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Reactivity	No information available.
Chemical stability	No information available.
Possibility of hazardous reactions	No information available.
Conditions to avoid	Incompatible materials, heat, flame and spark.
Incompatible materials	Strong acid, strong oxidant.
Hazardous decomposition products	Carbon dioxide (CO ₂), carbon monoxide (CO).

11 Toxicological information

| Acute toxicity

Acute toxicity	No information available.
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| Carcinogenicity

Carcinogenicity	No information available.
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| Others

Lubricating paste	
Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Based on available data, the classification criteria are not met
Skin sensitization	Based on available data, the classification criteria are not met
Respiratory sensitization	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Inhalation hazard	Based on available data, Inhalation hazard category 1
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Reproductive toxicity and additional hazards	Based on available data, the classification criteria are not met

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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| Persistence and degradability

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Persistence and degradability	No information available
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| Bioaccumulative potential

Bioaccumulative potential	No information available
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| Mobility in soil

Mobility in soil	No information available
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| Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
Mineral oil	No information available

13 Disposal considerations

| Disposal considerations

Waste chemicals	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
Contaminated packaging	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 recommendations	Refer to section waste chemicals and contaminated packaging.

14 Transport information

| Label

Transporting Label	Not applicable
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| IMDG-CODE

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

IATA-DGR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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| UN-ADR

UN-ADR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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15 Regulatory information

| International chemical inventory

Component	EC inventory	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AIICS	ENCS

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Mineral oil	√	√	√	√	√	√	√	√	√
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[EC inventory]	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]	Korea Existing Chemicals Inventory
[AIICS]	Australian Inventory of Industrial Chemical (AIICS)
[ENCS]	Japan Inventory of Existing & New Chemical Substances

Note:

- “√” Indicates that the substance included in the regulations.
- “x” No data or not included in the regulations.

16

 Other information

Information on revision

Creation Date	Aug. 06, 2024
Revision Date	-
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: <https://www.echemportal.org/echemportal/substancesearch/index.action>.
- [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	UN	The United Nations
PC-STEL	Short term exposure limit	OECD	Organization for Economic Co-operation and Development
PC-TWA	Time Weighted Average	IMDG-CODE	International Maritime Dangerous Goods CODE
MAC	Maximum Allowable Concentration	IARC	International Agency for Research on Cancer
DNEL	Derived No Effect Level	ICAO	International Civil Aviation Organization
PNEC	Predicted No Effect Concentration	IATA	International Air Transportation Association
NOEC	No Observed Effect Concentration	ACGIH	American Conference of Governmental Industrial Hygienists
LC ₅₀	Lethal Concentration 50%	NFPA	National Fire Protection Association
LD ₅₀	Lethal Dose 50%	NTP	National Toxicology Program
EC ₅₀	Effective Concentration 50%	PBT	Persistent, Bioaccumulative, Toxic
EC _x	Effective Concentration X%	vPvB	very Persistent, very Bioaccumulative
P _{OW}	Partition coefficient Octanol: Water	CMR	Carcinogens, mutagens or substances toxic to reproduction

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BCF	Bioconcentration factor	RPE	Respiratory Protective Equipment
ED	Endocrine disruptor		

| Disclaimer

This Safety Data Sheet (SDS) was prepared according to UN GHS (the Tenth 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.

