

Safety Data Sheet (SDS)

The content and format of this SDS is accordant with the latest version of GHS.

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

Product details:

Product name: Gasoline engine oil 10W-30

Recommended use of the chemical and restrictions on use: It is used for mechanical friction parts, to make it lubricating, cooling and sealing. Restrictions on use: Do NOT use it in an application which may contaminate food or do harm to human health.

Manufacturer/Supplier: Chongqing Beiquan Oil Co.,Ltd.

Address: Nongrong Village, Xiema Town, Beibei District, Chongqing City

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Further information obtainable from: Chongqing Beiquan Oil Co.,Ltd.

Information in case of emergency: +86 -023-68262613

2. Hazards identification

GHS classification:

Physical hazards:	Not classified	
Health hazards:	Skin corrosion/irritation	Category 3
	Serious eye damage/eye irritation	Category 2B
	Germ cell mutagenicity,	Category 2
	Specific target organ toxicity, single exposure	Category 2 (lung)
	Specific target organ toxicity, repeated exposure	Category 1 (lung, skin)
	Aspiration hazard	Category 1
Environmental hazards:	Not classified	

Signal Word: Danger **Symbol:**



Hazard Statements:

H304: May be fatal if swallowed and enters airways.

H316: Causes mild skin irritation.

H320: Causes eye irritation.

H341: Suspected of causing genetic defects.

H371: May cause damage to organs (lung).

H372: Causes damage to organs (lung, skin) through prolonged or repeated exposure.

Precautionary Statements:

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P260: Do not breathe fume/vapours.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response Precautionary Statements:

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331: Do NOT induce vomiting.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P308+P311: IF exposed or concerned: Call a POISON CENTER/doctor.

P314: Get medical advice/attention if you feel unwell.

Storage precautionary statements:

P405: Store locked up.

Disposal precautionary statements:

P501: Dispose of contents/container to relevant local and national regulations (It is recommended to use incineration method to dispose of waste).

3. Composition/information on ingredients

Product description: substance (); preparation/mixture (√)

Ingredient (s)	CAS No.	EC No.	% by weight
Base oil for lubricating oil	8002-05-9	232-298-5	90%
Non-hazardous ingredients	Not available	Not available	10%

4. First aid measures

Persons using this product should consult a physician or other medical professional if an accident involving this product results in injury. Specific first-aid measures are as follows:

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Skin Contact: Rinse skin with water [or shower]. If skin irritation occurs: Get medical advice/attention.

Eyes Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Rinse mouth. Do not induce vomiting without professional instruction. Immediately call a POISON CENTER/doctor.

Acute effect and delayed effect: Acute effect: May be fatal if swallowed and enters airways. Causes mild skin irritation. Causes eye irritation. Delayed effect: Suspected of causing genetic defects. May cause damage to organs (lung). Causes damage to organs (lung, skin) through prolonged or repeated exposure.

Personal protective equipment: Wear protective gloves/protective clothing/eye protection/face protection when necessary.

Indication of immediate medical attention and treatment needed, if necessary: Treat according to symptoms and

exposure dose.

5. Fire-fighting measures

Extinguishing Media: This product is not flammable, as for a fire caused by surrounding ignition sources, choose proper extinguishers according to fire types. Seek advice from local fire-fighting authority.

Unsuitable Extinguishing Media: Discharging cylinder shape water from fire hose may lead to spread fire to the surroundings.

Special hazards arising from the chemical: Not found. **Fire**

Fighting Method:

For initial fire, use water, dry powder, carbon dioxide, etc.

For large fire, it is effective to use fire foam, etc. to shut off air supply.

Deny unnecessary entry to the place around the fire.

Remove containers from fire area if it can be done without risk.

Cool surrounding facilities, etc. with water spray.

Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

Special actions for fire-fighters: Firefighters must wear self-contained breathing apparatus and full protective equipment.

Check whether the protective equipment is in good condition before use.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Use proper personal protective equipment as indicated in Section 8.

Environmental precautions: Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

Methods and material for containment and cleaning up:

Small Spill:

Mop up or absorb with an inert dry material (e.g. sand, dry lime) and place in an appropriately labeled waste disposal container.

Large Spill:

Isolate contaminated area and set up a warning board. The persons handling emergency are recommended wearing protective clothing. Do NOT touch spilled material.

Build up dike or dig pit for collection. Collect the spilled material with appropriate tools into an appropriate container and transport the waste to the disposal place.

7. Handling and storage

Precautions for safe handling:

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not breathe fume/vapours.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities: Store it in a well-ventilated, cool and dry store room. Keep

out of the reach of children.

Incompatible substances or mixtures: No relevant information.

Packing material: Plastic bottles.

8. Exposure controls/personal protection Occupational

Exposure Limits:

Ingredients	OSHA PEL-TWA	ACGIH TLV-TWA
No ingredients have an exposure limit	Not available	Not available

Engineering Controls:

Install washer eyes and safety showers near to the handling and storage area.

Shows the location of these facilities, with a clear and prominent warning board.

Personal Protective Equipment (for workers):

Protection of Hands:

Wear rubber gloves. (e.g. Rubber gloves)



Protection of Eyes:

Wear safety glasses when vapour or fume may be generated during processing or working for a long time.



Respiratory Protection:

Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.



Protection of Body:

Recommend wearing general working clothing.



General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Do not inhale vapour generated from processing. Avoid contact with eyes and skin.

9. Physical and chemical properties

General Information	
Form	Liquid
Colour	Yellow
Odour	Odorless
pH	No data available
Boiling range	>300°C
Melting point/Melting range	No data available
Flash Point	>210°C
Flammable/Explosive Limits-Lower Vol %	Not applicable
Flammable/Explosive Limits-Upper Vol %	Not applicable
Density	0.875g/m ³
Relative vapour density	No data available
Vapour pressure	No data available
Solubility	Insoluble in water
n-octanol/Water partition coefficient	No data available
Igniting temperature	>218°C
Decomposition temperature	No data available
Odour threshold value	No data available
Viscosity	10.5mm ² /s (100°C)
Evaporation rate	No data available
Flammability (solid, gas, etc.)	This product is not classified as flammable solid.

10. Stability and reactivity

Reactivity and Chemical stability: This product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Possibility of hazardous reactions: No relevant information.

Conditions to Avoid: High temperature.

Incompatible materials: No relevant information.

Hazardous decomposition products: No relevant information.

11. Toxicological information Product

Toxicity Data:

Ingredient (s)	CAS No.	LD ₅₀ /LC ₅₀ (Median lethal dose)
Base oil for lubricating oil	8002-05-9	Acute toxicity (oral) LD ₅₀ > 5,000 mg/kg (rat) Data source: IUCLID (2000) Acute toxicity (dermal) LD ₅₀ > 5,000 mg/kg (rabbit) Data source: IUCLID (2000)
Classification of the whole product:		Not classified

Skin corrosion/irritation Base oil for lubricating oil (CAS: 8002-05-9): Category 3 (Data source: IUCLID

(2000))

Classification of the whole product: Category 3

Serious eye damage/eye irritation Base oil for lubricating oil (CAS: 8002-05-9): Category 2B (Data source: IUCLID (2000))

Classification of the whole product: Category 2B

Respiratory sensitizer No classification for this product. **Skin sensitizer** No classification for this product.

Germ cell mutagenicity Base oil for lubricating oil (CAS: 8002-05-9): Category 2 (Data source: IUCLID (2000), IARC suppl.7 (1987))

Classification of the whole product: Category 2

Carcinogenicity Base oil for lubricating oil (CAS: 8002-05-9): Not classified (Highly refined oil) (Data source: IUCLID (2000), NITE-CHRIIP) Classification

of the whole product: Not classified **Reproductive Toxicity** No classification for this product.

Specific target organ toxicity, single exposure Base oil for lubricating oil (CAS: 8002-05-9): Category 2 (lung) (Data source: IUCLID (2000))

Classification of the whole product: Category 2 (lung)

Specific target organ toxicity, repeated exposure Base oil for lubricating oil (CAS: 8002-05-9): Category 1 (lung, skin) (Data source: ACGIH (2001), IARC 33 (1984), EHC 20 (1982))

Classification of the whole product: Category 1 (lung, skin)

Aspiration hazard Base oil for lubricating oil (CAS: 8002-05-9): Category 1 (Data source: EHC 20 (1982), IARC 33 (1984), ICSC (2001), ACGIH (2001))

Classification of the whole product: Category 1 **Effects**

on or via lactation No classification for this product.

12. Ecological information

Ecotoxicity: No data available for the whole product.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: As it is in liquid status, it can move in soil.

13. Disposal considerations

Waste treatment methods:

Chemical Waste: Transport to specialized waste disposal sites for disposal. It must strictly follow local regulations for disposal.

Contaminated packaging: The container or packaging may remain noxious substance and should be disposed as a hazardous waste.

Cautions for disposal:

Do not allow product to reach sewage system. Do

not throw it into any open bodies of water.

It is recommended to use incineration method to dispose of waste.

14. Transport Information

DOT/Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG:

Proper Shipping Name: Not regulated.

Hazard Class: Not applicable.

UN Code: Not applicable.

Packing Group: Not applicable.

Packing Group Symbol: Not applicable.

Marine Pollutant (Yes/No): No

EMS NO.: Not applicable.

Note:

Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

15. Regulatory information

.United States:

Section 355 (extremely hazardous substances): Not listed.

SARA 313: This product does not contain SARA 313 Toxic Release Chemicals. **Clean**

Water Act:

Chemical Name	CWA - Reportable Quantities	CWA - Hazardous Substances	CWA - Priority Pollutants	CWA - Toxic Pollutants
Not available	Not available	Not available	Not available	Not available

Carcinogenicity categories:

Chemical Name	ACGIH	IARC	NTP	OSHA
Base oil for lubricating oil (CAS: 8002-05-9)	Not available	3	Not available	Not available

Toxic Substances Control Act (TSCA): Base oil for lubricating oil (CAS: 8002-05-9) is listed in the U.S. Toxic Substances Control Act Chemical Substance Inventory List.

.Canada:

Canada Domestic Substances List (DSL): Base oil for lubricating oil (CAS: 8002-05-9) **Canada**

Non-domestic Substance List (NDSL): Not listed.

.European Union:

Candidate List of Substances of very high concern (SVHC) according to ECHA: Not listed.

REACH Regulation Annex XVII Regulation List: Not listed.

REACH Regulation Annex XIV Authorization List: Not listed.

Germany – WGK: 3

(EC) 1272/2008 Annex VI Table 3.1:

Ingredient(s)	EC No. 1272/2008 Classification
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	CLASS. CODE	HAZARD CODE	
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Petroleum; Crude oil; [A complex combination of hydrocarbons, It consists predominantly of aliphatic, alicyclic and aromatic hydrocarbons. It may also contain small amounts of nitrogen, oxygen and sulfur compounds. This category encompasses light, medium, and heavy petroleums, as well as the oils extended from tar sands. Hydrocarbonaceous materials requiring major chemical changes for their recovery or conversion to petroleum refinery feedstocks such as crude shale oils; upgraded shale oils and liquid coal fuels are not included in this definition.] (CAS: 8002-05-9)	Carc. 1B	H350
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Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

16. Other information

DISCLAIMER: Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

References:

GHS (Rev.6)
GHS SDS Instruction
GHS Annex 2

Full description of some acronyms:

CAS-Chemical Abstracts Service
EINECS-European Inventory of Existing Commercial Chemical Substances
IMO-International Maritime Organization
IMDG-International Maritime Dangerous Goods
IATA-International Air Transport Association
ICAO-International Civil Aviation Organization
TSCA-Toxic Substance Control Act
OSHA-Occupational Safety and Health Administration
ACGIH- American Conference of Governmental Industrial Hygienists

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