

SAFETY DATA SHEET FOR CHEMICAL PRODUCTS (SDS)

Report No.: 212508070051

Date: August 20, 2025

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Applicant Name : GUANGZHOU BEIJARUN SPECIAL LUBRICANT CO., LTD

Applicant Address : NO.5 WENWU ROAD, TANBU TOWN, HUADU DISTRICT, GUANGZHOU

Product Name : 5W-30 A3/B4 Engine Oil

Received Date : August 14, 2025

Compilation Period : August 14, 2025 to August 20, 2025

Regulatory Requirements : As requested by the applicant, the Safety Data Sheet is prepared according to GB/T 16483-2013, GB/T 17519-2008.



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SECTION 1. Identification of the substance/preparation and company

1.1 Product Identification	:	5W-30 A3/B4 Engine Oil
1.2 Model No.	:	5W-30 A3/B4
1.3 Recommended Use	:	Engine oil for high-performance engines
1.4 Manufacturer Name	:	GUANGZHOU BEIJARUN SPECIAL LUBRICANT CO., LTD
1.5 Manufacturer Address	:	No.5 WENWU ROAD, TANBU TOWN, HUADU DISTRICT, GUANGZHOU
1.6 Manufacturer Tel	:	020-39479684
1.7 Manufacturer Fax	:	020-37713137
1.8 Manufacturer Email	:	BEIJARUN@MARYNLUBE.COM
1.9 Emergency Phone	:	15902064906

SECTION 2. Hazards identifications

Description of Emergency Hazard: None

2.1 Hazard Class:

According to GB 3000-2013 Rules for classification and labelling of chemicals, classification of risk categories.

None

2.2 Pictograms:

None

2.3 Signal word:

None

2.4 Hazard description:

None

2.5 Precautionary description:

None

2.6 Other hazards

PBT and vPVB: None



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SECTION 3. Composition / information on ingredients

Ingredient(s) of the product: Mixture

Substance name	Conc. (%)	CAS. No
Hydrotreated Base Oil	80-85	64742-52-5
Lubricant Additives	10-15	61789-86-4
Viscosity Modifier	5-9	9003-27-4

SECTION 4. First aid measures

General advice: Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

4.1 Following inhalation:

Move victim into fresh air. If breathing is difficult, give oxygen.

4.2 Following skin contact:

Take off contaminated clothing and shoes immediately. Wash off with plenty of water for at least 15 minutes and consult a physician if feeling uncomfortable.

4.3 Following eye contact:

In case of contact may cause irritation, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician immediately if eyes are hurt.

4.4 Following ingestion:

Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

SECTION 5. Firefighting measures**5.1 Hazardous Characteristics:**

No hazardous characteristics.

5.2 Extinguishing Media:

Dry powder, Chemical foam, Carbon dioxide, water mist.

5.3 Firefighting procedures:

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As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.

5.4 Hazardous combustion products:

None

SECTION 6. Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures:**

Wear appropriate protective measures (SEE SECTION 8).

6.2 Environmental precautions:

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

6.3 Cleaning method:

Remove by liquid absorbing material (e.g. kieselguhr) . Adhered or collected material should be promptly disposed of. Disposal of discarded waste/pollutants refers to SECTION 13.

SECTION 7. Safe handling and storage**7.1 Handling Notes:**

Keep indoor ventilation or local exhaust device.

Use only outdoors or in a well-ventilated area.

7.2 Storage Notes:

Stored in cool and dry condition.

Do not store with incompatible material (see section 10.2)

SECTION 8. Exposure controls / personal protection**8.1 Occupational Exposure Limit:**

No relevant information

8.2 Engineering Control:

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local



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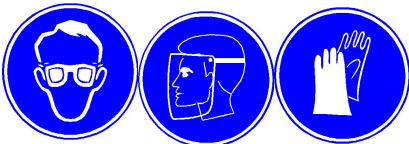
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exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Ensure that eyewash stations and safety showers are proximal to the work-station location.

8.3 Personal Protection:

General requirement:	
Respiratory:	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.
Eyes:	Wear protective goggle (Conform to EC EN 166 or US-NIOSH).
Hands:	Wear protective gloves (such as butyl rubber), passing the tests according to EN 374(EU),US F739 or AS/NZS 2161.1 standard.

8.4 Sanitary Measure:

Forbid smoking, eating and drinking in working places. Washing hands after handling products.

SECTION 9. Physical and chemical properties

Appearance and Color	Yellowish-brown liquid
Odour	Slight odor
PH value	No data
Flammability	Non-combustible
Density(g/cm³)	No data
Relative steam density (air = 1)	No data
Vapor pressure(MPa)	No data
Octanol/water partition coefficient	No data
Viscosity	No data
Flash point(°C,Closed cup)	No data
Boiling point(°C)	No data



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Melting point (°C)	No data
Evaporation rate (kg/s)	No data
UEL %(V/V)	Not Applicable
LEL %(V/V)	Not Applicable
Auto-ignition temperature(°C)	No data
Decomposition temperature(°C)	Not Applicable
Solubility	Insoluble in water

SECTION 10. Stability and reactivity

10.1 Stability:

Stable under recommended storage and handling conditions (See section 7).

10.2 Material for avoiding:

Strong oxide, acid and alkali, Strong reducing agent.

10.3 Contact conditions for avoiding:

Dampness, high temperature, sunlight.

10.4 Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11. Toxicological information

11.1 Acute toxicity:

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

11.2 Skin corrosion/irritation:

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

11.3 Serious eye damage/irritation:

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

11.4 Respiratory or skin sensitisation:

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



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11.5 Germ cell mutagenicity:

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

11.6 Carcinogenicity:

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

11.7 Reproductive toxicity:

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

11.8 STOT-single exposure:

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

11.9 STOT-repeated exposure:

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

11.10 Aspiration hazard.:

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

SECTION 12. Ecological information

12.1 Toxicity:

No data available.

12.2 Persistence and degradability:

No data available.

12.3 Bioaccumulative potential:

No data available.

12.4 Mobility in soil

No data available.

12.5 Other Dangers:

PBT and vP V B evaluation results: Not applicable

SECTION 13. Disposal considerations

13.1 Handling method for waste:

Handling waste according to the local regulations. Contact specific waste disposal company or



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companies recommended by local laws.

13.2 Handling method for uncleaned packaging

Processing as general waste processing after the empty container.

SECTION 14. Transport information

Packaging Label	None
UN NO	None
Proper shipping name	None
Technical name	None
Transport hazard class	None
Subsidiary hazard class	None
Packing group	None
Marine pollutant	No
ICAO/IATA	Can be shipped as general cargo by air in accordance International Air Transport Association (IATA) DGR 66 th (2025) .
IMDG CODE	Can be shipped as general cargo by sea in accordance with International Maritime Dangerous Goods Code IMDG CODE (Amdt. 42-24).
ADR	Can be shipped as general cargo by Road in accordance with European Agreement concerning the International Carriage of Dangerous (ADR-2023).
RID	Can be shipped as general cargo by Rail in accordance with Regulations concerning the International Carriage of Dangerous Goods (RID-2023).

SECTION 15. Regulatory information

15.1 Safety, health and environmental regulations / laws for pure substances or mixtures

Catalogue of hazardous chemicals (2015 Edition)

Catalogue No	Name	CAS No
None	None	None



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15.2 Safety assessment of chemical substances

Not evaluated

SECTION 16. Other information

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

CMR - Carcinogens, mutagens or substances toxic to reproduction

PC-STEL- Short term exposure limit

PC-TWA - Time Weighted Average

DNEL - Derived No Effect Level

IARC - International Agency for Research on Cancer

RPE - Respiratory Protective Equipment

PNEC –Predicted No Effect Concentration

LC50 - Lethal Concentration 50%

LD50 - Lethal Dose 50%

NOEC - No Observed Effect Concentration

EC50 - Effective Concentration 50%

PBT - Persistent, Bioaccumulative, Toxic

POW - Partition coefficient Octanol:Water



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BCF - Bioconcentration factor (BCF)

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

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