

Material Safety Data Sheet

(MSDS)

NO.:ZM2024BA1040

Date:August 10th,2024

Page 1 of 6

Applicant: Guangdong Zhongmin Technology Innovation CO., LTD.

Address: Industrial Road No.1 Block C, Paisha Community, Longjiang Town, Shunde District, Foshan city

Canadian Supplier : Impact Marketing Solutions Inc.

Address : 4619, 63 Street, Red Deer, AB., Canada

Sample name: Antirust Lubricant-Superlube

Suggested uses and restricted uses: used as a antirust lubricant

Issue date: Aug 10th, 2024

Test Requested: As specified by the client, This safety data sheet was prepared in accordance with UN GHS Rev.9, The EU CLP REGULATION (EC) No 1272/2008. Please refer to the attached report for details.

Section 1: Chemical Product and Company Identification

Manufacturer Name: Anhui Zhongtian Car Care Industry Co., Ltd

English Name of Chemical: KatzAzz Superlube

Address: No. 2, East Road, Zhongxin Town, Anhui Province, China

Email: bbzn@biaobang.cn

Postal Code: 511375

Product Code: Ba1040

Version: 2024

Emergency Phone (Country/Region Code) (Area Code) (Phone Number): 020-32968488, 020-32968498

Fax Number (Country/Region Code) (Area Code) (Phone Number): 020-32968800

Material Safety Data Sheet

(MSDS)

NO.:ZM2024BA1040

Date:August 10th,2024

Page 2 of 6

Material Safety Data Sheet

Section 2: Hazards Identification

Emergency Overview: Flammable liquid.

GHS Hazard Classification:

Category 3 Flammable Liquids; Category 2 Low Flashpoint Liquids.

Aerosols - 3, Pressurized Gases - Liquefied Gases, Flammable Liquids - 2.

Acute Toxicity: LD50: 5000 mg/kg (oral, rat); 12124 mg/kg (dermal, rabbit).

Corrosivity/Irritation: Eyes (human): 300 ppm, irritating. Skin (rabbit): 500 mg, moderately irritating.

Skin Sensitization: Yes.

Respiratory Sensitization: Yes.

Chronic Toxicity: No data available.

Carcinogenicity: No data available.



GHS Label Elements:

Signal Word: Danger.

Hazard Statements:

Pressure vessel; may burst when heated; contains gas under pressure; may explode if heated.

Flammable liquid and vapor.

Precautionary Statements:

Prevention: Wear a self-contained breathing apparatus if the airborne concentration exceeds the exposure limit. Wear safety goggles to prevent splashes. Ensure adequate ventilation in the workplace. Smoking is strictly prohibited.

Response: In case of leakage, cut off all ignition sources immediately. Wear protective masks and gloves. Absorb the spill with sand and allow it to evaporate in a well-ventilated area. Alternatively, wash with a non-flammable dispersant and collect the waste liquid.

Section 2: Hazards Identification

Storage: Store in a cool, well-ventilated area away from fire, heat, and direct sunlight. The storage temperature should not exceed 45°C in hot seasons. Prohibit the use of machinery and tools that can generate sparks. Segregate from strong oxidants and alkaline chemicals. Ensure spill control equipment and appropriate containment materials are available.

Disposal: Hazardous waste. Empty containers should be depressurized and disposed of in accordance with national and local regulations.

Material Safety Data Sheet

(MSDS)

NO.:ZM2024BA1040

Date:August 10th,2024

Page 3 of 6

Section 3: Composition/Information on Ingredients

Ingredient:	Concentration (%)	CAS No.
Mineral Oil	Proprietary	---
Zinc Naphthenate	Proprietary	38582-18-2
Barium Petroleum Sulfonate	Proprietary	---
Nano-Ceramic Additive	Proprietary	---
Lanolin	Proprietary	8006-54-0
Span 80	Proprietary	---
LPG	Proprietary	68476-85-7
Carbon Dioxide	Proprietary	124-38-9

Section 4: First Aid Measures

Skin Contact: Remove contaminated clothing and rinse skin thoroughly with soap and water.

Eye Contact: Irrigate eyes with running water or saline for at least 15 minutes. Seek medical attention.

Ingestion: Drink plenty of water and seek medical attention.

In case of exposure, leave the scene and go to a fresh air place. If breathing is difficult, give oxygen and seek medical attention.

Section 5: Fire Protection Measures

Dangerous characteristics: flammable, its vapor and air can form explosive mixtures, which can cause combustion and explosion in the presence of open flames and high heat energy. Contact with oxidants can cause

It may cause chemical reaction or combustion. In a fire, heated containers may explode. Its vapor is heavier than air and can accumulate in low-lying areas

It can spread to a considerable distance and can catch fire and backburn when it encounters a source of ignition.

Hazardous combustion products: carbon monoxide, carbon dioxide.

Fire extinguishing methods: foam, dry powder, carbon dioxide, sand.

Section 6: Accidental Release Measures

N/A for direct translation of specific instructions

Section 7: Handling and Storage

Hazards: Flammable liquid.

Precautions: Avoid using mechanical equipment and tools that may generate sparks. Store and transport separately from strong oxidizers and alkaline chemicals. The storage area should be equipped with leak emergency response equipment and suitable containment materials.

Material Safety Data Sheet

(MSDS)

NO.:ZM2024BA1040

Date:August 10th,2024

Page 4 of 6

Section 8: Exposure Controls/Personal Protection

OEL (Occupational Exposure Limit): Not available.

Monitoring Method: Gas Chromatography.

Engineering Controls: Ensure adequate ventilation during use. Smoking is strictly prohibited in the work area.

Respiratory Protection: In case of excessive concentration in the air, wear a self-contained filtering respirator (half-mask).

Eye Protection: Wear safety glasses to prevent splashes.

Body Protection: Generally, no special protection is required. Wear anti-static workwear for high-concentration exposure.

Hand Protection: Wear rubber gloves.

Section 9: Physical and Chemical Properties

Appearance and Form: Reddish-brown transparent liquid.

pH: Neutral

Critical Temperature (°C): Not available

Melting Point (°C): Not available

Critical Pressure (MPa): Not available

Boiling Point (°C): >35°C

Autoignition Temperature (°C): Not available

Flash Point (°C): Not available

Decomposition Temperature (°C): Not available

Upper Explosive Limit [% (V/V)]: Not applicable

Heat of Combustion (kJ/mol): Not available

Lower Explosive Limit [% (V/V)]: Not applicable

Evaporation Rate: Not available

Ignition Temperature (°C): Not applicable

Saturated Vapor Pressure (kPa): Not available

Flammability: Flammable

Relative Density (Water = 1): 0.865

Viscosity (mPa*s): Not applicable

Relative Density (Air = 1): Not available

Odor Threshold (mg/m³): Not available

Octanol/Water Partition Coefficient: Not available

Solubility: Insoluble in water, soluble in most organic solvents.

Material Safety Data Sheet

(MSDS)

NO.:ZM2024BA1040

Date:August 10th,2024

Page 5 of 6

Section 10: Stability and Reactivity

Stability: Stable

Polymerization Hazard: Does not polymerize under normal conditions

Conditions to Avoid: None specified

Incompatible Materials: Strong oxidizers, alkaline chemicals

Decomposition Products: Does not decompose under normal conditions

Section 11: Toxicological Information

Acute Toxicity (LD50): Not available

Irritation: None

Sensitization: None

Mutagenicity: None

Teratogenicity: None

Reproductive Toxicity: Not available

Specific Target Organ System Toxicity - Single Exposure: Not available

Specific Target Organ System Toxicity - Repeated Exposure: Not available

Section 12: Ecological data

Acute Toxicity (Algae, Daphnia, Fish): Can pollute air, water environments, and water sources.

Special attention should be given to fish and mammals.

Ecological Toxicity: Not available

Persistence and Degradability: Not available

Bioaccumulative Potential: Not available

Section 13: Disposal Considerations

Waste Nature: Hazardous waste

Disposal Methods: Drain the canister after use or dispose according to national and local regulations.

Disposal Precautions: Do not incinerate empty containers.

Section 14: Transport Information

UN Number: 1950

Packing Group: I

Packing Symbol: Flammable

Packing Method: Tinline aerosol cans, carton boxes

Transport Precautions: Avoid violent collisions and high temperatures. Do not transport with oxidizers or alkaline chemicals.

Transportation by Road, Rail, and Water: This product is classified as a hazardous chemical but in limited quantities packaging. It can be transported by road, rail, and inland waterways under appropriate safety requirements. For sea transportation, it must be declared and transported as a hazardous chemical.

Material Safety Data Sheet

(MSDS)

NO.:ZM2024BA1040

Date:August 10th,2024

Page 6 of 6

Section 15: Regulatory Information

Regulations:

Regulations on the Safety Administration of Hazardous Chemicals (Decree No. 344 of the State Council);

The 2015 edition of the List of Hazardous Chemicals: classifies the substance as Class 2;

List of Dangerous Goods GB12268-2012: Classifies the substance as Class 2;

Classification and Code of Dangerous Goods GB6944-2012;

Safety Data Sheet for Chemical Products: Content and Order of Sections (GB16483-2008);

General Rules for Classification and Hazard Communication of Chemicals GB13690-2009;

Classification Method for Transport Packaging Categories of Dangerous Goods GB/T 15098-2008;

Section 16: Other Information

References:

Date of filling: January 10, 2024

Filled by: Technical Center

Data Audit Unit: Anhui Zhongtian Car Care Industry Co., Ltd

Modification description: modified every 5 years

End of MSDS