MSDS Number: A001R2207120303
Date of Compilation: 2023-7-13

Applicant: Beijing Huiyi Jin Technology Co., Ltd.

Company Address: No. 67, Xidaqiao Road, Miyun District, Beijing

Sample Information:

Sample Name: CJ-4 10W/40 Diesel Engine Oil

Model: None

Sample Ingredients/Raw Materials (provided by the customer): See the third part of the report "Ingredients, Composition Information"

Compilation Period: July 8, 2023, to July 13, 2023

Required Service: Preparation of a Material Safety Data

Required services: Sheet (MSDS) based on the sample information provided by the customer.

Summary:

As per customer request, the content and format of this Safety Data Sheet are compiled according to the 9th edition of the "Globally Harmonized System of Classification and Labelling of Chemicals (GHS)". For specific details, please refer to the attached report.

Beijing Huiyi Jin Technology Co., Ltd.

Issued by:

Beijing Huiyi Jin Technology Co., Ltd.

67 Xidaqiao Road, Miyun District, Beijing

Phone: 173207177942412 Email: 1580325421@qq.com

Material Safety Data Sheet
(MSDS)
Prepared in accordance with the 9th Edition of GHS

1. Chemical and Company Identification

1.1 Product Identification

Product Name: CJ-4 10W/40 Diesel Engine Oil

Product Model: None

1.2 Recommended Use and Restrictions

Recommended Use: Industrial Use

Use Restrictions: No Data Available

1.3 Manufacturer/Supplier Information

Manufacturer: Beijing Huiyi Jin Technology Co., Ltd.

Address: No. 67, Xidaqiao Road, Miyun District, Beijing

Contact Phone: 173207177942412

Email: 1580325421@qq.com

2． Hazard Identification

2.1 Hazard Classification

According to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) regulations, this product is not classified.

2.2 Label Elements

Pictogram: No Hazard Pictogram

Signal Word: No Signal Word

Hazard Statements: No Hazard Statements

Precautionary Statements: No Precautionary Statements

2.3 Other Hazards Not Resulting in Classification

No relevant information. For other health effects and symptoms, refer to Section 11. For environmental effects, refer to Section 12.

3. Composition/Information on Ingredients

Product Description: Substance (); Preparation (V); Article ()

Component Name	CAS Registry Number	Content
Lubricating Oil Base Oil*	8042-47-5	93
Lubricating Oil Additives	-	7

Note: CAS: Chemical Abstracts Service Registry Number

*: According to IP346, highly refined mineral oils contain <3% (w/w) DMSO extract.

4. First-Aid Measures

4.1 Description of First-Aid Measures:

Inhalation: If discomfort is felt, immediately leave the exposure area to breathe fresh air and keep the airway clear. If discomfort persists, seek medical advice.

Skin Contact: Remove contaminated clothing and shoes. Wipe the affected area clean and thoroughly wash with mild soap and water. If irritation persists, seek medical attention.

Eye Contact: Immediately lift upper and lower eyelids and rinse with running water or saline for at least 15 minutes. If irritation persists, seek medical attention.

Ingestion: If conscious, rinse mouth with water. Do not feed anything to an unconscious person. Consult a doctor and seek medical attention immediately. If spontaneous vomiting occurs, keep the body leaning forward to avoid inhalation into the lungs.

4.2 Most Important Symptoms and Health Effects: For main symptoms and effects, refer to Section 11.

4.3 Instructions for Immediate Medical Treatment and Special Treatment Needed: Treat symptomatically. Provide effective treatment based on the symptoms.

5. Firefighting Measures

5.1 Extinguishing Media and Methods: Suitable Extinguishing Equipment: Use dry powder, carbon dioxide, or alcohol-resistant foam. Water may be ineffective. Use water spray to cool containers exposed in the fire. Unsuitable Extinguishing Equipment: Avoid using strong steam as it may spread the flames.

5.2 Specific Hazards Arising from the Chemical or Mixture: Prone to combustion when exposed to high heat, open flames, and strong oxidizers. Overheating or high temperatures may produce harmful vapors and combustion products: carbon oxides, aldehydes, etc.

5.3 Protective Equipment for Firefighters: Evacuate non-essential personnel to a safe area. Extinguish fire from a safe distance. Firefighters must wear appropriate protective equipment and a positive pressure self-contained breathing apparatus.

5.4 Additional Information: Exercise caution in chemical fires. Use water spray to cool unopened containers exposed to the fire and prevent contaminated firefighting water from entering sewers and water sources.

6. Emergency Response to Spills

For guidance on the selection of personal protective equipment, see Section 8 of the Safety Data Sheet. For disposal information, refer to Section 13. Comply with all applicable local and international regulations.

6.1 Protective Measures, Protective Equipment, and Emergency Procedures for Workers：

Evacuate personnel to a safe area. Use personal protective equipment: chemical protective clothing and appropriate respirators. Ensure adequate ventilation. Avoid direct contact with the spill. Avoid inhaling vapors.

6.2 Environmental Protection Measures：

If it is safe to do so, take measures to prevent further leakage or spillage, and prevent the product from entering the drainage system. Avoid discharge into the surrounding environment.

6.3 Methods and Materials for Containment, Cleanup, and Disposal of Spilled Chemicals：

For small spills, use dry sand or inert absorbent materials to absorb the spill. For large spills, construct dykes to control and contain the overflow, collect the spilled material using an anti-static vacuum cleaner or wet brush, and place it in containers for disposal in accordance with local regulations (see Section 13).

7. Handling and Storage

7.1 Handling：

Follow general chemical handling precautions.

Maintain good ventilation during use.

Use appropriate protective equipment, as detailed in Section 8.

Avoid inhaling vapors or mist. Avoid direct contact with skin and eyes.

Ensure packaging containers are sealed when not in use.

Wash hands with soap and water before eating, drinking, or smoking, after handling.

Keep away from sources of ignition, heat, and avoid static electricity. No open flames.

Avoid contact with oxidizers. Equip with a corresponding number of firefighting equipment and emergency spill response equipment.

7.2 Storage：

Conditions for Safe Storage：

Keep containers tightly closed and store in a cool, dry, well-ventilated area. Keep away from heat and ignition sources. Do not store with strong oxidizers. Keep away from food, feed, etc. The storage area should be equipped with firefighting equipment, emergency spill response equipment, and suitable containment materials.

Incompatible Materials: Strong oxidizers.

8. Exposure Controls and Personal Protection

8.1 Occupational Exposure Limits：

Contains no substances with occupational exposure limits.

8.2 Exposure Controls

Engineering Controls: Conventional industrial hygiene practices are recommended. Local exhaust ventilation should be provided where there is a significant presence of vapors or large storage. Safety showers and eyewash facilities should be available.

Personal Protective Equipment:

Eye and Face Protection：	Generally not required. When there is a risk of eye contact, it is recommended to wear safety glasses or face shields. Face shields and safety glasses should meet official standards and be approved for eye protection.
Skin Protection：	Wear plastic or rubber gloves. Remove gloves using proper techniques to avoid contact with the outer surface of the gloves, and prevent any skin contact with this product.
Body Protection：	Under normal use conditions, special skin and body protection equipment, other than ordinary work clothes, are not required. When there is a possibility of splashing, select appropriate impermeable protective clothing and safety shoes suitable for the workplace, preferably made of nitrile rubber.
Respiratory Protection：	Generally, respiratory protection is not required. If a hazard assessment indicates the need for air-purified respirators, use full-face multi-purpose gas masks or gas mask cartridges as a substitute for engineering controls.
General Protection and Hygiene Measures：	Maintain personal cleanliness. Wash hands before eating, drinking, or smoking after handling the product. Regularly clean work clothes and protective equipment. Keep the workplace clean and tidy.

9. Physical and Chemical Properties

Basic Information	
Appearance	Oily liquid
Color	Brownish-red
Odor	Slight odor
pH Value	No data
Boiling Point/Range	No data
Melting Point/Range	No data
Pour Point	No data
Flash Point	No data
Combustion/Explosion Limits - Lower Limit Volume %: No data	No data
Combustion/Explosion Limits - Upper Limit Volume %: No data	No data
Relative Density	No data
Vapor Pressure	No data
Vapor Density (Air=1)	No data
Solubility	Insoluble in water
n-Octanol/Water Partition Coefficient	No data
Auto-ignition Temperature	No data
Decomposition Temperature	No data
Odor Threshold	No data
Evaporation Rate	No data
Viscosity	No data
Flammability (Solid, Gas)	Non-flammable

10. Stability and Reactivity

10.1 Stability： The product is stable under normal use and storage conditions.

10.2 Hazardous Reactions： No known hazardous reactions under normal use.

10.3 Conditions to Avoid： High temperatures, intense heat, sparks, open flames.

10.4 Incompatible Materials： Strong oxidizers.

10.5 Hazardous Decomposition Products： Harmful combustion products - refer to Section 5. Other decomposition products - No data available.

11．Toxicological Information

Acute Toxicity: No data available.

Skin Corrosion/Irritation: No relevant classification.

Eye Damage/Irritation: No relevant classification.

Respiratory Sensitization: No known sensitizing effects.

Skin Sensitization: No known sensitizing effects.

Carcinogenicity: Not listed as a carcinogen or potential carcinogen by the U.S. National Toxicology Program (NTP), International Agency for Research on Cancer (IARC), or the Occupational Safety and Health Administration (OSHA).

Germ Cell Mutagenicity: No relevant classification.

Reproductive Toxicity: No relevant classification.

STOT-Single Exposure: No relevant classification.

STOT-Repeated Exposure: No relevant classification.

Inhalation Hazards: No relevant classification.

Potential Health Effects:

Routes of Exposure: Eye contact; skin contact; inhalation; ingestion.

Inhalation: Normally, no apparent symptoms or effects. Prolonged inhalation of oil mist or vapors at high temperatures may cause inflammation of respiratory organs.

Ingestion: Consumption may be harmful. Large amounts may cause gastrointestinal inflammation, vomiting, diarrhea.

Skin Contact: Normally, no apparent symptoms or effects. Prolonged or repeated contact with skin, without proper cleaning, may cause skin inflammation or irritation.

Eye Contact: May cause minor eye irritation.

12. Ecological Information

12.1 Ecotoxicity: No data available.

12.2 Persistence and Degradability: No data available.

12.3 Potential for Bioaccumulation: No bioaccumulation.

12.4 Mobility in Soil: No data available.

12.5 Results of PBT and vPvB Assessment: No data available.

12.6 Other Adverse Environmental Effects: May be harmful to aquatic life. Direct discharge into sewers or water bodies is prohibited.

13. Disposal Considerations

Disposal Methods:

Product:

Waste should be poured into dedicated bins (with lids) for centralized disposal. Discharge into sewers is prohibited. For large-scale waste disposal, refer to national, regional, and local environmental regulations.

Contaminated Packaging:

Even after emptying, packaging may pose residual hazards. If possible, return to the supplier for recycling. Keep contaminated packaging away from heat sources and open flames.

14. Transport Information

14.1 United Nations Number (UN Number)

ADR/RID/ADN, IMO/IMDG, IATA: Not applicable.

14.2 UN Transport Name

ADR/RID/ADN, IMO/IMDG, IATA: Not applicable.

14.3 Transport Hazard Class

ADR/RID/ADN, IMO/IMDG, IATA:

Class: Not applicable.

Label: Not applicable.

14.4 Packing Group

ADR/RID/ADN, IMO/IMDG, IATA: Not applicable.

14.5 Environmental Hazards: Not applicable.

14.6 Special Precautions for User: Not applicable.

14.7 MARPOL 73/78 (International Convention for the Prevention of Pollution from Ships) Annex II and Bulk Transport According to the IBC Code (International Bulk Chemical Code): Not applicable.

14.8 Transport/Additional Information: According to the above specifications, it is not hazardous.

UN "Standard Regulations": Not applicable.

15. Regulatory Information

Specific safety, health, and environmental regulations/legislation for this substance or mixture:

No data available.

Chemical Safety Assessment:

A chemical safety assessment has not been conducted for this product.

16. Other Information

16.1 References:

[1] International Programme on Chemical Safety: International Chemical Safety Cards (ICSC)

Website: http://www.ilo.org/dyn/icsc/showcard.home

[2] European Union REACH Registered Substances Database

Website: http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances

[3] OECD Global Chemical Information Portal

Website: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en

[4] United States CAMEO Chemicals Database

Website: http://cameochemicals.noaa.gov/search/simple

[5] United States National Library of Medicine: Chemical Identification Database

Website: http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp

[6] United States Environmental Protection Agency: Integrated Risk Information System

Website: http://cfpub.epa.gov/iris/

[7] United States Department of Transportation: Emergency Response Guidebook

Website: http://www.phmsa.dot.gov/hazmat/library/erg

[8] German GESTIS Hazardous Substance Database

Website: http://gestis-en.itrust.de/

[9] International Agency for Research on Cancer (IARC)

Website: http://www.iarc.fr/

16.2 Abbreviations:

PC-STEL: Short-term Exposure Limit

PC-TWA: Time-Weighted Average

IARC: International Agency for Research on Cancer

LC50: Lethal Concentration, 50%

LD50:	50% Lethal Dose
EC50:	50% Effective Concentration
PBT:	Persistent, Bioaccumulative, Toxic
vPvB:	Very Persistent, Very Bioaccumulative
IATA:	International Air Transport Association
IMO:	International Maritime Organization
IMDG:	International Maritime Dangerous Goods Code
ICAO:	International Civil Aviation Organization
UN:	United Nations
NTP:	National Toxicology Program, USA
ACGIH:	American Conference of Governmental Industrial Hygienists
OSHA:	Occupational Safety and Health Administration, USA
NIOSH:	National Institute for Occupational Safety and Health, USA

16.3 Disclaimer:

The format of this Safety Data Sheet complies with the 9th edition of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The data is sourced from international authoritative databases and company-submitted data. Other information is based on the current knowledge available to the company. We strive to ensure the accuracy of all information contained herein, but due to the diversity of information sources and the limitations of our knowledge, this document is provided for reference only. Users of the Safety Data Sheet should make their own judgment regarding the relevance of the information for their purposes. We bear no responsibility for any damages arising from the handling, storage, use, or disposal of the product.

16.4 Revision Information

MSDS Compilation Date: July 13, 2023

MSDS Revision Date: -

Reason for Revision: -

MSDS Version: 1.0

*** End of Report ***