



MSDS NO.: A001R2401020302

Creation Date: January 02, 2024

# Warning Danger

Applicant: Jiangsu Fangyi Autopart Manufacture Limited Company

Address: No.3 Weiwu Road, Yanlong Street, Yandu District, Yancheng City, Jiangsu, China

Sample information:

Sample name: High-performance Grease

Model: FT-2

Sample composition/raw material (supplied by client): Refer to section 3 of the MSDS "Composition/Information on Ingredient"

Edit period: From December 26, 2023 to January 02, 2024

Required service : As specified by the client, to edit Material Safety Data Sheet (MSDS) by the submitted sample information.

Summary : As specified by the client, This safety data sheet was prepared in accordance with Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Rev.9. Please refer to the attached report for details.

# Material Safety Data Sheet (MSDS)

In accordance with GHS Rev. 9

## Section 1 - Chemical Product and Company Identification

### 1.1 Product Identification:

Product Name: High-performance Grease

Product Model: FT-2

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: High-performance Grease

Use advised against: No data available.

### 1.3 Details of the Manufacture or supplier

Manufacture: Jiangsu Fangyi Autopart Manufacture Limited Company

Address: No.3 Weiwu Road, Yanlong Street, Yandu District, Yancheng City, Jiangsu, China

Telephone: +86-515-88588686

Fax: +86-515- 88238689

Email: admin@ycfangtian.com

### 1.4 Emergency telephone number

Emergency Telephone: +86-515-88588689

## Section 2 - Hazards Identification

### 2.1 Classification of the substance or mixture

This product is not classified according to the GHS (The Globally Harmonized System of Classification and Labelling of Chemicals).

### 2.2 GHS Label elements, including precautionary statements

Pictogram(s): No pictogram is used.

Signal Word: No signal word is used.

Hazard Statement: No hazard statement.

Precautionary statements: No precautionary statement.

### 2.3 Description of any hazards not otherwise classified

No additional information available.

### Section 3 - Composition/Information on Ingredient

Substance ( ) Preparation (✓) Article ( )

Composition:

Chemical name	CAS No.	Content (%)
Mineral oil	8042-47-5	87-90
Gelatinizer	7631-86-9	10-15
Proprietary Additive	-	1-2

Abbreviation: CAS No. is Chemical Abstract Service Registry Number.

### Section 4 - First Aid Measures

4.1 Description of first aid measures:

**Eye Contact:** Flush eyes with plenty of water for several minutes, occasionally lifting the upper and lower eyelids. If eye irritation continues, contact a doctor.

**Skin Contact:** Wash off with soap and plenty of water. If skin irritation continues, contact a doctor.

**Inhalation:** If necessary, Remove to fresh air and keep at rest in a position comfortable for breathing.

**Ingestion:** Wash out mouth with water and drink appropriate amount of water. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in section 2 and section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

### Section 5 -Extinguishing media

5.1 Extinguishing media

Suitable extinguishing media: Water spray, dry chemical, carbon dioxide or alcohol-resistant foam.

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture

Decomposition products under fire condition - carbon monoxide, carbon dioxide, silicon dioxide, etc.

5.3 Advice for firefighters

As in any fire, Wear self-contained breathing apparatus and full protective gear for firefighting if necessary.

5.4 Further information

No data available.

## Section 6 - Accidental Release Measures

For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

### 6.1 Personal precautions, protective equipment and emergency procedures:

Evacuate area. Ventilate area. Avoid direct contact with spillage. Use suitable personal protective equipment.

### 6.2 Environmental precautions:

Stop leakage if safe. Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### 6.3 Methods and materials for containment and cleaning up:

Small Spill: Absorb with dry sand or other inert adsorption material.

Large Spill: Stop leak if without risk. Contain spillage, And then collect with an electrically protected vacuum cleaner or by wet-brushing and place in closed container. Keep in suitable, closed containers for recycle or disposal(see section 13).

## Section 7 - Handling and Storage

### 7.1 Precautions for safe handling:

The usual precautionary measures for handling chemicals should be followed.

Use appropriate, approved safety equipment as in section 8.

Avoid contact with skin and eyes.

Wash thoroughly after handling.

Keep container tightly closed when not in use.

### 7.2 Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a dry and cool place. Do not store together with strong oxidizing agent. Avoid direct sunlight.

## Section 8 - Exposure Controls, Personal Protection

8.1 Exposure Limits: Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

Engineering Control: General industrial hygiene practice.

Personal protective equipment:

Respiratory Protection: Not required under normal usage.

Eyes Protection:	Not required under normal usage. Use face shield and safety glasses if in-eye risk exists. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Body Protection:	Normal general work suit is enough.
Hands Protection:	Handle with chemical-resistant gloves.
Other Protections:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties	
Appearance	Cream
Color	White.
Odor	Weak odor.
pH	Ca. 7.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	>200°C.
Evaporation rate	Not available.
Flammability	Not flammable.
Upper explosive limit % (V/V)	Not applicable.
Lower explosive limit % (V/V)	Not applicable.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density(water=1)	>0.862.
Solubility(ies)	Insoluble in water.
Partition coefficient: n-octanol/water	Not available.
Ignition temperature	>300°C.
Decomposition temperature	Not available.
Viscosity	Not available.

## Section 10 - Stability and Reactivity

- 10.1 Stability: Stable under normal storage temperature and pressure.
- 10.2 Conditions to Avoid: Overheat.
- 10.3 Incompatible materials: Strong oxidizing agents.

10.4 Hazardous Decomposition Products: Other decomposition products- no data available. In the event of fire:see section 5.

10.5 Possibility of hazardous reactions: None hazardous reactions known under normal condition.

## Section 11 - Toxicological Information

Acute Toxicity:	No data available.
Skin Corrosion/Irritation:	No known irritating effect.
Serious Eye Damage/Eye Irritation:	Based on available data, the classification criteria are not met.
Respiratory or Skin Sensitization	No known sensitization effect.
Germ Cell Mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity:	None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA .
Reproductive Toxicity:	Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System):	Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System):	Based on available data, the classification criteria are not met.
Aspiration Hazard:	Based on available data, the classification criteria are not met.
Potential Health Effects:	
Inhalation:	No significant effect or harm under normal condition.
Skin Contact:	No significant effect or harm under normal condition.
Eye Contact:	May cause slight eye irritation.
Ingestion:	May be harmful if ingested.

## 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 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

#### 12.6 Other adverse effects

Do not allow materials to release to drains or water body.

## Section 13 - Disposal Considerations

### Waste treatment methods

#### Product

Recycle if possible. Offer surplus and non-recyclable products to a licensed disposal company. Observe according to the national and local related regulations.

#### Contaminated packaging

Disposal as unused product after empty. Return to supplier for recycling if possible.

## Section 14 - Transport Information

### 14.1 UN-Number

ADR/RID/ADN, IMO/IMDG, IATA NOT DANGEROUS GOODS according to transport law.

### 14.2 UN proper shipping name

ADR/RID/ADN, IMO/IMDG, IATA NOT DANGEROUS GOODS according to transport law.

### 14.3 Transport hazard class(es)

ADR/RID/ADN, IMO/IMDG, IATA

Class NOT DANGEROUS GOODS according to transport law.

Label NOT DANGEROUS GOODS according to transport law.

### 14.4 Packing group

ADR/RID/ADN, IMO/IMDG, IATA NOT DANGEROUS GOODS according to transport law.

14.5 Environmental hazards NOT DANGEROUS GOODS according to transport law.

14.6 Special precautions for user NOT DANGEROUS GOODS according to transport law.

### 14.7 Transport in bulk according to Annex 1 of

Marpol and the IBC Code NOT DANGEROUS GOODS according to transport law.

14.8 Transport/Additional information: NOT DANGEROUS GOODS according to transport law.

UN 'Model Regulation':

NOT DANGEROUS GOODS according to transport law.

## Section 15 - Regulatory Information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available.

### 15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

## Section 16 - Additional Information

### 16.1 Reference

- |     |  |   |
|-----|--|---|
| [1] | IPCS:The International Chemical Safety Cards (ICSC)            | website: <a href="http://www.ilo.org/dyn/icsc/showcard.home">http://www.ilo.org/dyn/icsc/showcard.home</a>  |
| [2] | EU REACH Registered Substance Database                         | website:<br><a href="http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances">http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances</a> |
| [3] | OECD: The Global Portal to Information on Chemical Substances, | website:<br><a href="http://www.echemportal.org/echemportal/index?pageID=0&amp;request_locale=en">http://www.echemportal.org/echemportal/index?pageID=0&amp;request_locale=en</a>       |
| [4] | CAMEO Chemicals,   | website: <a href="http://cameochemicals.noaa.gov/search/simple">http://cameochemicals.noaa.gov/search/simple</a>  |
| [5] | NLM:ChemIDplus,  | website:<br><a href="http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp">http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp</a>   |
| [6] | EPA: Integrated Risk Information System,                       | website: <a href="http://cfpub.epa.gov/iris/">http://cfpub.epa.gov/iris/</a>  |
| [7] | U.S. Department of Transportation:ERG,                         | website: <a href="http://www.phmsa.dot.gov/hazmat/library/erg">http://www.phmsa.dot.gov/hazmat/library/erg</a>  |
| [8] | Germany GESTIS-database on hazard substance                    | website: <a href="http://gestis-en.itrust.de/">http://gestis-en.itrust.de/</a>  |
| [9] | IARC   | website: <a href="http://www.iarc.fr/">http://www.iarc.fr/</a>  |

### 16.2 Abbreviations and acronyms

PC-STEL	Short term exposure limit
PC-TWA	Time Weighted Average
IARC	International Agency for Research on Cancer
LC50	Lethal Concentration 50%
LD50	Lethal Dose 50%
EC50	Effective Concentration 50%
PBT	Persistent, Bioaccumulative, Toxic
vPvB	very Persistent, very Bioaccumulative
ADR	Agreement on Dangerous Goods by Road
IATA	International Air Transport Association
IMO	International Maritime Organization



IMDG	The International Maritime Dangerous Goods
ICAO	International Civil Aviation Organization
UN	The United Nations
NTP	National Toxicology Program
ACGIH	The American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety and Health Administration
NIOSH	National Institute for Occupational Safety and Health

### 16.3 Disclaimer

-This safety data sheet was prepared in accordance with UN GHS Rev.9.

-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

### 16.4 Information on revision

MSDS Creation Date: January 02, 2024

MSDS Revision Date: -

Reason For Revision: -

MSDS Edition: 1.0

\*\*\*End of MSDS\*\*\*