Safety Data Sheet

Fischer-Tropsch Wax 90#

Section 1 Product

Grade: Elinawax-90

Fischer-Tropsch Wax

SDS number: 2622030044

Effective date: March 21,2024

Section 2 Hazards identification

Physical hazard
GHS classification:

Not classified

Health hazard:

Specific target organ toxicity - Single exposure

category 3 (respiratory tract irritation)

Environment hazards:

Can't classify

The hazards not mentioned are not applicable or no data available..

Lable elements:

Pictogram:

Signal word:

Warning

Hazard description:

H335 May cause respiratory tract irritation.

Prevention and prevention instructions:

P261 Avoid inhalation of dust / smoke / gas / aerosol / vapor / spray.

P271 Can only be used outdoors or in well-ventilated places.

Reaction and prevention instructions:

P304 + P340 If inhaled by mistake: transfer the personnel to the fresh air, and maintain a comfortable breathing and rest position.

P319 Get medical help if feel unwell.

Storage precautions instructions:

P403 + P233 is stored in a well-ventilated place. Keep container closed.

P405 storage place must be locked.

Disposal and prevention instructions:

P501 The disposal of the product and containers shall be conducted in accordance with local, regional, national and international regulations.

Other hazards:

No data available.

Section 3 Information on ingredients

Product Name: Fischer-Tropsch Wax 90#

Ingredient	Concentration	CAS No .	EC No.
Fischer-Tropsch Wax 90#	100%	8002-74-2	232-315-6

Section 4 First aid measures

Skin exposure:

Complete with plenty of water; rinse the skin. If the stimulation continues, seek medical treatment.

Eye exposure:

Lift the eyelids and rinse with running water for at least 15 minutes. If the stimulation continues, seek medical treatment.

Inhalation:

Leave the scene to the fresh air. Keep the airway unobstructed. If the stimulation continues, seek medical treatment.

Ingestion:

If swallowed, rinse with warm water and seek medical treatment.

Most important acute and delayed symptoms / effects:

No data available.

Inimmediate medical attention and special treatment required if necessary:

No data available.

Section 5 Fire fighting measures

Appropriate fire-extinguishing agent:

Use misty water, carbon dioxide, dry powder and suitable foam.

Specific hazards arising from the chemicals:

Oxides that may release carbon at high temperatures or under combustion.

Special protection operations for fire fighter:

Firefighters should wear self-contained positive pressure respirators and fire protective clothing to prevent skin and eye contact.Fire extinguishing at windward position. Unrelated person are evacuated to safe areas

Section 6 ACCIDENTAL RELEASE MEASURES

Personal protective measures, protective equipment, and emergency progress:

Use of personal protective equipment. Avoid inhalation of dust. Ensure adequate ventilation. Remove all ignition sources. Make sure the crowd is away from the leak area or in the upper wind direction. No relevant personnel are enter.

Environmental protection measures:

If safe and feasible, prevent further leaks. Avoid getting the products into the drain.

Methods and materials for control and cleaning:

Collect with clean shovel in dry, clean, covered containers and sealed for disposal. After cleaning, ventilation and sprinkling water. Avoid dust.

Section 7 HANDLING AND STORAGE

Protective measures for safe operation:

Operators should be trained and strictly abide by operating procedures. Wear appropriate protective clothing and gloves. Avoid inhalation. Avoid contacting with eyes and skin. Prevent generation of dust. Handling is performed in a well ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidizing agents. Handling and unloading should be light, to prevent packaging broken, damp and cause losses. Working place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

Conditions for safe storage, including all incompatibility:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidizing agents. Storage place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment..

Section 8 EXPOSURE CONTROL/PPE

Controlling parameter:

GBZ 2. 1-2019 Occupational Exposure Limits for Hazardous Agents in the Workplace - Part 1: Chemical Hazardous Agents:

Paraffin wax fume: PC-TWA 2mg/m³ PC-STEL 4mg/m3

ACGIH:

Paraffin wax: TLV-TWA 2 mg/m³, vapor

Appropriate engineering controls:

Mechanical exhaust required. Safety shower and eye bath.

Individual protective measures:

Eye/Face Protection:

Wear chemical safety glasses.

Skin Protection:

Hand Protection: Wear compatible protective gloves.

Body Protection:

Wear appropriate protective clothing.

Respiratory Protection:

Wear government approved respirator.

Thermal Hazards:

No data available.

Other Protect:

No smoking, drinking and eating at working site. Wash thoroughly after handling.

Section 9 The physico/ chemical properties

Appearance, color/blue brightness:

1

Smell, NO:

1

PH:

Not applicable

Solubility:

Difficult to dissolve in water

Melting point:

95°C

Oil content, % mass fraction:

None

Penetration Index 25°C/(1/10mm):

None

Mechanical impurities and moisture:

None

Boiling point, initial boiling point, and boiling range:

Not applicable

Flash point (closed-cup):

Not applicable

Density / Relative density:

No data available

Dynamic viscosity:

Not applicable

Combustion upper limit or explosive limit:

No data available

Vapour pressure:

No data available

Relative vapour density:

No data available

N-octanol / water distribution coefficient (log value):

No data available

Autogenous ignition temperature:

No data available

Decomposition temperature:

No data available

Particle characteristics:

No data available

Flammability (solid, gas):

This substance does not belong to item 4. 1 easy to burn solid.

Section 10: Stability and Reactivity

Reactivity:

No data availablee.

Chemical stability:

Stable at normal temperature and under constant pressure.

Possibility of hazardous reactions:

No data available.

Conditions to be avoided:

No data available.

Incompatible materials:

Hillhouse agent.

Hazardous decomposition products:

Carbon oxide.

Section 11 Toxicology Information

Acute toxicity:

Fischer-Tropsch Wax 90#:Acute Toxicity - LD_{50})Oral - Rat - Male and Female - > 5000 mg/kg (OECD Test Guideline 401); LD_{50} Dermal - Rat - Male and Female - > 2000 mg/kg (OECD Test Guideline 402)

Skin corrosion / irritation:

No data available.

Serious Eye Damage/Irritation:

No data is available.

Respiratory sensitization:

No data available.

Sensitization of skin:

No data available.

Germ-cell mutagenicity:

No data available.

Carcinogenicity:

No data available.

Reproductive Toxicity:

No data available.

Specific target organ toxicity - single exposure:

May cause respiratory tract irritation.

Specific target organ toxicity-repeated contact:

No data available.

Aspiration Hazard:

No data available.

Section 12 Ecological information

Toxicity:

No data available.

Persistence and degradability:

No data available.

Potential biocumulonizability:

No data available.

Mobility in Soil:

No data available.

Other adverse effects:

No data availablee.

Section13 Disposal consideration

Waste disposal method:

Recycle as far as possible. If unable to recycle, it is recommended to use incineration method for disposal under supervision. This product should not be disposed of by discharge into sewers. Return empty containers to the manufacturer or dispose of them in accordance with national and local regulations. Follow the relevant provisions of national and local regulations before disposal. It is recommended to be disposed of by a qualified chemical waste treatment department.

Section 14 Transportation information

RID/ADR(Version 2021):

Can be handled according to the non-restrictive cargo conditions.

IATA DGR (Version 63):

Can be handled according to the non-restrictive cargo conditions.

IMO IMDG CODE (Version 2020):

Can be handled according to the non-restrictive cargo conditions.

Environment hazards:

No.

Special protective measures for users:

No data.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:

Not applicable.

Section 15 Regulatory Information

The Montreal Protocol:

Not listed.

Convention of Stockholm:

Not listed.

Rotterdam Convention:

Not listed.

EINECS/ELINCS:

Listed.

TSCA:

Listed.

IECSC:

Listed.

Section 16 Other Information

Date of preparation:

On March 21, 2024

Preparation department:

Elina Kimya Maden San. Ve Tic. Ltd. Şti.

Change information:

The 0th revision

According to the standard:

Global Classification and Labelling of Chemicals (GHS) Revision 9

Abbreviations and Acronyms:

CAS: American chemical abstract society

EC: The European commission

ACGIH: The US government industrial hygienists meeting

PC-TWA: Time-weighted average allowable concentration PC-STEL: Short contact allowable concentration

TLV-TWA: Time-weighted average limit value

LD_{50}: Half lethal amount

OECD: Organization for economic cooperation and development

ADR: European agreement on international road transport of dangerous goods

RID: International railway transport of dangerous goods rules

IMO IMDG CODE: International maritime organization international maritime dangerous goods rules

IATA DGR: International air transport association dangerous goods rules

MARPOL: International convention to prevent ship pollution

IBC Code: International bulk dangerous chemicals ship structure and equipment rules

ETNECS: The European existing commercial chemical material record

ELINCS: Europe has declared chemical directory

TSCA: The American toxic substances control law

IECSC: China existing chemical directory

Other information:

This SDS is prepared based on the information of ingredient content provided by the applicant and our existing knowledge and is only used as guidance. The user of this SDS must make an independent judgment on the correctness and completeness of the content, decide its applicability according to the actual situation, and bear the relevant legal responsibilities for the consequences of its use.