

Safety Data Materials (MSDS)

1. Chemical products / company identification

Applicable product model

YBC-1107

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2. Composition

CAS number: 60164-51-4

Chemical name: perfluoropolyether oil

3. Risk identification

Classification of substances or mixtures

CHIP classification: X i: R 36 / 37 / 38

CLP classification: S T O T SE 3: H 335; E y e Irr i t. 2: H 319; S ki n Irr i t. 2: H 315

Important adverse effects: irritation to the eyes, respiratory system and skin.

Label elements

CLP Lag Features:

Hazard description: H 315: skin irritation.

H 319: Stimulate the eyes.

H 335: May stimulate the respiratory tract.

Warning message: Warning

Tag photo: G HS 07: exclamation mark



P 271: ventilation shall be maintained when product heating exceeds 288°C.

P 280: Wear protective gloves / protective clothing / eye mask / mask.

CHIP Tag Features:

Dangerous label picture: stimulation



Dangerous term: R 36 / 37 / 38: stimulates the eyes, respiratory system and skin.

Other dangers

PBT: This substance is not recognized as a PBT substance.

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44. First aid measures

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First Aid

ingestion

If you eat it accidentally, rinse with a lot of water and keep the person awake and call your doctor.

inhalation

If inhaled, move the inhaler to fresh air; if breathing is weak, conduct artificial breathing, breathe oxygen immediately; and seek medical attention.

skin exposure

If the skin is accidentally touched, rinse with a lot of soap box water and wash the contaminated clothes before the next use.

eye contact

Please rinse your eyes with plenty of water for at least 15 minutes and seek medical attention.

Important symptoms and effects, including both acute and chronic

ingestion

May cause mouth pain or red throat.

inhalation

It may cause throat irritation along with chest tightness, which may lead to a cough or wheezing.

skin exposure

It may stimulate the contact sites and experience redness symptoms.

eye contact

May stimulate the eyes, and appear redness symptoms, please rinse with a lot of water.

Please seek medical treatment immediately and receive special treatment.

5. Fire-fighting measures

f1

ash point
not have

annihilator

Carbon dioxide, dry powder, foam fire extinguishing agent, water spray cooling container.

Fire instructions

Wear a self-contained respirator and protective clothing to prevent skin and eye contact.

Toxic fluoride compounds may form under high temperature heating to avoid inhalation of decomposition products.

6. Leak emergency measures-

- - - - -personnel protection

Wear a personal protective assembly to avoid inhaling steam, fog, or gas.Ensure adequate ventilation area.

Environmental prevention measures

No leaks are discharged into sewers or rivers.

Overflow cleaning

Use dry sawdust, dirt, or sand to absorb the overflow.

divulge emergency treatment

Transfer to a closed container by appropriate treatment. Stay away from heat sources and fire sources.

7. Transportation and storage

Transport (Personnel)

Perfluoropolyether oil is considered inert and less toxic products. However, as with all lubricants, correct safety and hygiene practices should be observed. Avoid direct contact with eyes and skin with the product. Clean thoroughly after operation and ensure adequate ventilation.

memory

Store in a cool, well-ventilated place. Keep the container closed.

pack

Must be kept in the original package.

8. Contact control and personal protection

exposure control

Keep the container closed.

Ventilation shall be used when the product heating exceeds 288°C.

Personal protection equipment

Respiratory protection

Wear a special respirator for leakage.

hand protection

Wear protective gloves.

eye protection

Wear goggles.

skin sparing

Wear protective

clothing.-----

-----9. 9. Physiochemical properties

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ysical data

Water-soluble: insoluble in water

PH value: No data is available

Smell: tasteless

Form: liquid

Color: colorless

Relative density (0°C): 1.95 g / cm³

Pour point: -30°C

-----10.

Stability and

active-----

chemical stability

It is stable under normal conditions.

The possibility of hazardous reactions

No hazardous chemical reactions will occur under normal transport or storage conditions.

Incompatible material

No data available.

decompose

Heating over 350 degrees Celsius may form potentially toxic fluoride compounds.

agglomerative

No polymerization reaction will occur.

-----11.

Toxicology information

Information on the toxicological impact of the drug

acute toxicity

No data available

Skin irritation or corrosion

No data available

Eye irritation or corrosion

No data available

Respiratory tract or skin allergy

No data available

Germ-cell mutability

No data available

carcinogenicity

None of the components in this product were identified as probable or certain human carcinogens by IARC, ACGIH, NTP, or EPA.

genotoxicity

No data available

Specific target organ system toxicity (primary contact)

Inhalation-may cause respiratory irritation.

Inhalation danger

No data available

Potential health implications

inhalation

Inhalation can be harmful and may cause respiratory irritation.

englobe

If the ingestion is harmful.

skin

If absorption through the skin is harmful, it may cause skin irritation.

eye

May stimulate the eyes.

-----12.

Ecological information

toxicity

No data available.

Persistence and degradation

No data available.

Potential possibilities of biological accumulation

No data available.

Transformation in soil

No data available.

Evaluation of the results for the PBT and vPvB

PBT appraisal

This substance is not identified as a PBT substance.

Other adverse effects

No data available.

-----13.

Waste disposal

Waste disposal method

Disposal, storage, transportation, and disposal must comply with local and national regulations. Do not flush into the surface water and sewer system.

-----14.

Traffic information- - - - -
- - - - -

- - - - -UN No

not have

Shipping name

Not in the transportation of dangerous goods.

Transportation Hazard Type (ES)

Packaging category

environment hazards

not have

marine pollutants

not have

-----15.

Regulation Information

Specific laws, regulations on the safety, health or health and environment of substances or mixtures.

Regulatory information

Please note that waste disposal should also meet the requirements of the local regulations

If applicable, the product meets the requirements of the Regulations on the Safety Management of Hazardous Chemicals (approved by The State Council on January 9, 2002).

Chemical safety assessment

No data available.

-----16.

Other information

NFPA, NPCA-HMIS

NPCA-HMIS Class

Health: 1

Combustability: 0

Reactivity: 0

Personal protection level is provided by the user according to the service conditions. The data for this material safety data sheet applies only to the specified substances and not to other relevant materials or use procedures.

Updated date: May 23,2022