Safety Data Sheet

Product name: Solvent naphtha (petroleum), light arom. CAS No.: 64742-95-6

Prepared in accordance with GB/T 16483, GB/T 17519

SECTION 1: Identification of the substance/mixture and of the company/undertaking

>Product identifier

- Product name: Solvent naphtha (petroleum), light arom.
- CBnumber: CB9895825
- CAS: 64742-95-6
- EINECS Number: 265-199-0
- Synonyms: light aromatic solvent oil,Solvent naphtha (petroleum), light arom.

>Relevant identified uses of the substance or mixture and uses advised against

- Relevant identified uses: For R&D use only. Not for medicinal, household or other use.
- Uses advised against: none

>Company Identification

- Company: Linyi Tuohui New Materials Co., Ltd.
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SECTION 2: Hazards identification

>Classification of the substance or mixture

Aspiration hazard, Category 1

Germ cell mutagenicity, Category 1B

Carcinogenicity, Category 1B

>Label elements

Pictogram(s)

- Signal word

  Danger

Hazard statement(s)

H304 May be fatal if swallowed and enters airways

H340 May cause genetic defects

H350 May cause cancer

Precautionary statement(s)

Prevention

P203 Obtain, read and follow all safety instructions before use.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

Response

P301+P316 IF SWALLOWED: Get emergency medical help immediately.

P331 Do NOT induce vomiting.

P318 IF exposed or concerned, get medical advice.

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

>Other hazards

no data available

SECTION 3: Composition/information on ingredients

>Substance

- Product name: Solvent naphtha (petroleum), light arom.
- Synonyms: light aromatic solvent oil,Solvent naphtha (petroleum), light arom.

- CAS: 64742-95-6
- EC number: 265-199-0
- MF: C6H6-C4H11

SECTION 4: First aid measures

>Description of first aid measures

If inhaled

Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

Following skin contact

Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.

Following eye contact

Rinse with pure water for at least 15 minutes. Consult a doctor.

Following ingestion

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

>Most important symptoms and effects, both acute and delayed

no data available

>Indication of any immediate medical attention and special treatment needed

no data available

SECTION 5: Firefighting measures

>Extinguishing media

Use dry chemical, carbon dioxide or alcohol-resistant foam.

>Specific Hazards Arising from the Chemical

no data available

>Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

>Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing mist, gas or vapours.Avoid contacting with skin and eye. Use personal protective equipment.Wear chemical impermeable gloves. Ensure adequate ventilation.Remove all sources of ignition. Evacuate personnel to safe areas.Keep people away from and upwind of spill/leak.

>Environmental precautions

Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.

>Methods and materials for containment and cleaning up

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

SECTION 7: Handling and storage

>Precautions for safe handling

Handling in a well ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

>Conditions for safe storage, including any incompatibilities

Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

SECTION 8: Exposure controls/personal protection

>Control parameters

Occupational Exposure limit values

no data available

Biological limit values

>Exposure controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

>Individual protection measures

Eye/face protection

Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).

Skin protection

Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection

If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

Thermal hazards

no data available

SECTION 9: Physical and chemical properties

>Information on basic physicochemical properties

- Physical stateLight yellow liquid with boiling ranges between 110°C and 190°C
- Colour

  no data available
- Odour

  no data available
- Melting point/freezing point

  no data available
- Boiling point or initial boiling point and boiling range

  no data available
- Flammability

  no data available
- Lower and upper explosion limit/flammability limit

  no data available
- Flash point

  no data available
- Auto-ignition temperature

  no data available

- Decomposition temperature

  no data available
- pH

  no data available
- Kinematic viscosity

  no data available
- Solubility

  no data available
- Partition coefficient n-octanol/water

  no data available
- Vapour pressure

  no data available
- Density and/or relative density

  no data available
- Relative vapour density

  no data available
- Particle characteristics

  no data available

SECTION 10: Stability and reactivity

>Reactivity

no data available

>Chemical stability

>Possibility of hazardous reactions

>Conditions to avoid

>Incompatible materials

>Hazardous decomposition products

no data available

SECTION 11: Toxicological information

>Acute toxicity

- Oral: no data available
- Inhalation: no data available
- Dermal: no data available

>Skin corrosion/irritation

no data available

>Serious eye damage/irritation

>Respiratory or skin sensitization

>Germ cell mutagenicity

>Carcinogenicity

>Reproductive toxicity

>STOT-single exposure

>STOT-repeated exposure

>Aspiration hazard

no data available

SECTION 12: Ecological information

>Toxicity

- Toxicity to fish: no data available
- Toxicity to daphnia and other aquatic invertebrates: no data available
- Toxicity to algae: no data available
- Toxicity to microorganisms: no data available

>Persistence and degradability

no data available

>Bioaccumulative potential

>Mobility in soil

>Toxics Screening Level

The ITSL for light aromatic solvent naphtha (petroleum) is 100 µg/m3, annual averaging time.

>Other adverse effects

no data available

SECTION 13: Disposal considerations

>Disposal methods

Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

SECTION 14: Transport information

>UN Number

ADR/RID: Not dangerous goods. (For reference only, please check.)

IMDG: Not dangerous goods. (For reference only, please check.)

IATA: Not dangerous goods. (For reference only, please check.)

>UN Proper Shipping Name

>Transport hazard class(es)

>Packing group, if applicable

>Environmental hazards

ADR/RID: No

IMDG: No

IATA: No

>Special precautions for user

no data available

>Transport in bulk according to IMO instruments

no data available

SECTION 15: Regulatory information

>Safety, health and environmental regulations specific for the product in question

European Inventory of Existing Commercial Chemical Substances (EINECS)

Listed.

EC Inventory

United States Toxic Substances Control Act (TSCA) Inventory

China Catalog of Hazardous chemicals 2015

Not Listed.

New Zealand Inventory of Chemicals (NZIoC)

PICCS

Vietnam National Chemical Inventory

IECSC

Korea Existing Chemicals List (KECL)

Listed.

SECTION 16: Other information

>Abbreviations and acronyms

- CAS: Chemical Abstracts Service
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- RID: Regulation concerning the International Carriage of Dangerous Goods by Rail
- IMDG: International Maritime Dangerous Goods
- IATA: International Air Transportation Association
- TWA: Time Weighted Average
- STEL: Short term exposure limit
- LC50: Lethal Concentration 50%
- LD50: Lethal Dose 50%
- EC50: Effective Concentration 50%

>References

- IPCS - The International Chemical Safety Cards (ICSC), website: http://www.ilo.org/dyn/icsc/showcard.home

- HSDB - Hazardous Substances Data Bank, website: https://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm
- IARC - International Agency for Research on Cancer, website: http://www.iarc.fr/
- eChemPortal - The Global Portal to Information on Chemical Substances by OECD, website: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en
- CAMEO Chemicals, website: http://cameochemicals.noaa.gov/search/simple
- ChemIDplus, website: http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp
- ERG - Emergency Response Guidebook by U.S. Department of Transportation, website: http://www.phmsa.dot.gov/hazmat/library/erg
- Germany GESTIS-database on hazard substance, website: http://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index-2.jsp
- ECHA - European Chemicals Agency, website: https://echa.europa.eu/