



SAFETY DATA SHEET

1. Identification of the substance/mixture and of the company/undertaking

Product Name: Paraffin liquid
CAS: 8012-95-1
Application: Laboratory chemicals, Manufacture of substances
Manufacturer: Sinopharm Chemical Reagent Co., Ltd. No. 52 Ning Bo Road, Shanghai 200002, China
Fax: 86-021-6321403
Emergency Telephone: 86-0532-83889090
Email: sj_zjzx@sinopharm.com
Website: <http://www.reagent.com.cn>
MSDS No: SCRC CSDS8012-95-1 Paraffin liquid

2. Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Aspiration hazard (Category 1)

Label elements

Labelling according Regulation (EC) No 1272/2008

Pictogram



Signal word: Danger

Hazard statement(s): May be fatal if swallowed and enters airways.

Precautionary statement(s):

Not Applicable

P301+P316 IF SWALLOWED: Get emergency medical help immediately. P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

No data available

3. Composition/information on ingredients

Substance/Mixture: Substance

Component	CAS RN	Concentration
Paraffin liquid	8012-95-1	≤100

4. First aid measures

Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If inhaled, please move the patient to fresh air. If breathing stops, perform artificial respiration. Consult a doctor.

In case of skin contact

Rinse with soap and plenty of water. Consult a doctor.

In case of eye contact

Thoroughly rinse with plenty of water and consult a doctor.

If swallowed

Do not feed anything from the mouth to an unconscious person. Rinse your mouth with water. Consult a doctor.

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

5. Firefighting measures

Extinguishing media

In case of fire: use carbon dioxide, sand particles, and extinguishing powder to extinguish the fire.

Special hazards arising from the substance or mixture

No data available

Advice for firefighters

If necessary, wear a self-contained breathing apparatus to put out the fire.

Further information

No data available

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Ensure sufficient ventilation. Evacuate personnel to a safe area. Avoid inhaling dust. Avoid inhaling vapors, smoke, or gases.

Environmental precautions

Do not allow the product to enter the sewer.

Methods and materials for containment and cleaning up

Contain the overflow, collect it with an anti electric vacuum cleaner or wet brush, and place it in a container for disposal according to local regulations.

Reference to other sections

For disposal see section 13.

7. Handling and storage

Precautions for safe handling

Avoid exposure: Special guidance is required before use. Avoid contact with skin and eyes. Avoid inhaling vapors and smoke. Ensure safe handling of substances or mixtures; Prevent handling with incompatible substances or mixtures; Minimize the release of substances or mixtures into the environment as much as possible. Eating and smoking are prohibited in the workplace. Wash hands after use. Remove contaminated clothing and protective equipment before entering the dining area.

Conditions for safe storage, including any incompatibilities

Store in a cool place. Keep the container tightly closed and store in a dry and ventilated place.

Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. Exposure controls/personal protection

Control parameters

Components with workplace control parameters

MAC: No data available

PC-STEL: No data available

TLV-TWA: No data available

PC-TWA: No data available

TLV-C: No data available

TLV-STEL: No data available

Exposure controls

Appropriate engineering controls

Maintain air concentrations below occupational exposure standards. The production process is sealed and ventilation is strengthened. Provide safety showers and eye wash equipment.

Personal protective equipment

Eye/face protection

Masks and safety glasses, please use equipment that has been tested and approved by official standards to protect the eyes.

Skin protection

Wear chemical protective clothing.

Wear chemical resistant gloves.

Respiratory protection

If the risk assessment shows that the use of air purification Gas mask is required, please use a full face type multi-function Gas mask or Gas mask cylinder as an alternate for engineering control. If the Gas mask is the only way to protect, use a full face Gas mask. The use of respirators and parts that have been tested and passed government standards.

Control of environmental exposure

Do not let product enter drains.

9. Physical and chemical properties

Information on basic physical and chemical properties

a) Appearance	Form: viscous Colour: colourless
b) Odour	No data available
c) Odour Threshold	No data available
d) pH	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	300–500°C/760mmHg
g) Flash point	419°F/215°C
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapour pressure	No data available
l) Vapour density	No data available
m) Relative density	ρ (20) 0.827–0.890g/mL
n) Water solubility	insoluble
o) Partition coefficient:octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	>36mm ² /s(40°C)
s) Explosive properties	No data available
t) Oxidizing properties	No data available

Other safety information

No data available.

10. Stability and reactivity

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No data available

Conditions to avoid

No data available

Incompatible materials

Strong oxidizing agents

Hazardous decomposition products

Other decomposition products - No data available Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known. In the event of fire: see section 5

11. Toxicological information

Information on toxicological effects

Acute toxicity

LD50 Oral - Rat - > 5,000 mg/kg LC0 Inhalation - Rat - 4 h - 200 mg/m3 LD50 Dermal - Rabbit - > 2,000 mg/kg

Skin corrosion/irritation

Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin.

Serious eye damage/eye irritation

Eyes - Rabbit Result: No eye irritation Remarks: Information taken from reference works and the literature.

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

May be fatal if swallowed and enters airways.

Additional Information

Repeated dose toxicity Rat - Oral - LOAEL : 962 - 1,135 mg/kg RTECS: PY8030000 Aspiration may lead to:, lipid pneumonia, Effects due to ingestion may include:, laxative effect, Gastrointestinal disturbance, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. Ecological information

Toxicity

Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - > 100 mg/l - 96 h

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

No data available

Other adverse effects

No data available

13. Disposal considerations

Waste treatment methods

Product Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. Transport information

UN number

ADR/RID:-

IMDG:-

IATA:-

UN proper shipping name

ADR/RID:Not dangerous goods

IMDG:Not dangerous goods

IATA:Not dangerous goods

Transport hazard class(es)

ADR/RID:

IMDG:

IATA:

Packaging group

ADR/RID:-

IMDG:-

IATA:-

Environmental hazards

ADR/RID:no

IMDG:no

IATA:no

Special precautions for user

no data available

15. Regulatory information

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

No data available

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

16. Other information

Full text of H-Statements referred to under sections 2 and 3.

May be fatal if swallowed and enters airways.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sinopharm Chemical Reagent Co.,Ltd. and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.