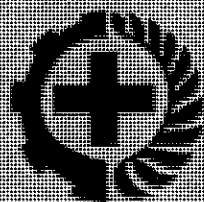


中国合格评定
CNAS 18007



中国石化集团

MATERIAL SAFETY DATA SHEET

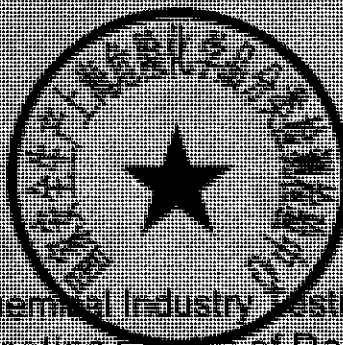
Product Name: Oil of Thermometer (Kerosene)

Revision Date: Oct. 17, 2008

Compiler: Fengshuo

Checker: Yangyi

Approver: Zhou yongming



Shanghai Research Institute of Chemical Industry Testing Centre
Shanghai Classification and Testing Centre of Dangerous
Chemicals for State Work Safety

Changshu Hupu Glass Instruments Co., Ltd.

MATERIAL SAFETY DATA SHEET

Oil of Thermometer (Kerosene)

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Oil of Thermometer (Kerosene)
 Company: Changshu Hupu Glass Instruments Co., Ltd.
 Address: Hupu, Xingang Town, Changshu City, Jiangsu Province, 215512, P. R. China
 Fax: 86-512-52631725
 Emergency Phone: 86-512-52631257
 E-mail: master@hupuglass.com
 MSDS Number: 01-431
 MSDS Date: Oct. 17, 2008

SECTION2 INFORMATION ON INGREDIENTS

Product name: Oil of Thermometer (Kerosene)

Ingredient	Concentration	CAS No.	EC No.
Kerosene	~100%	8008-20-6	212-365-4

SECTION 3 HAZARDS IDENTIFICATION

Hazards Identification: Flammable liquid.

Emergency Overview: Flammable. Irritating to skin. May cause irritation to eyes and respiratory system. May cause lung damage if swallowed.

SECTION4 FIRST-AID MEASURES

Skin Exposure: In case of contact, immediately wash skin with soap and copious amounts of water. If irritation persists, call a physician.

Eye Exposure: In case of contact with eyes, flush with tenuous amounts of water for at least 15 minutes. Assume adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.

Inhalation Exposure: If inhaled, remove to fresh air. If breathing is difficult, give oxygen.

Oral Exposure: If victim is conscious, wash mouth out with water. Do not induce vomiting. Get medical aid immediately.

SECTION5 FIRE FIGHTING MEASURES

Explosion Hazards: Vapor may travel considerable distance to source of ignition and flash back. Container explosion may occur under fire conditions.

Extinguishing Media: Suitable: Dry chemical, Water spray, Carbon dioxide or appropriate foam.

Firefighting:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific hazards: Emit toxic fumes under fire conditions.

SECTION6 ACCIDENTAL RELEASE MEASURES

Procedure to be Followed in Case of Leak or Spill

Procedures of Personal Precautions:

Exercise appropriate precautions to minimize direct contact with skin and eyes.

Methods for cleaning up:

Mix with inert material (e.g. dry sand, vermiculite) and transfer to a dry, clean, lidded container for disposal. Scoop up with a non-sparking tool, and then place into a suitable container for disposal. Remove all sources of ignition. Provide ventilation.

SECTION7 HANDLING AND STORAGE

Handling

Do not contact with eyes and skin. Do not inhalation. Keep container tightly closed. Do not expose empty containers to heat, sparks or open flames. Use only with adequate ventilation. Electrostatic charges may be generated during pumping. Ensure electrical continuity by bonding all equipment. Keep away from heat, sparks and flame. Incompatibilities: strong oxidizing agents, strong bases, strong acids, amines, combustible materials and foods. No smoking at working site. Use non-sparking tools.

Storage:

Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Incompatibilities: strong oxidizing agents, strong bases, strong acids, amines, combustible materials and foods.

SECTION8 EXPOSURE CONTROL/PPE

Engineering Controls:

Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment:

Respiratory: Government approved respirator.

Eye: Chemical safety goggles.

Clothing: Wear anti-electrostatic clothing.

Hand: Compatible chemical-resistant gloves.

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

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Dark red oily liquid
Odor: Weak penetrating odor
Flash Point: 69°C (closed cup)
Solubility: Hardly soluble in water

SECTION10 STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Ignition sources, excess heat.

Incompatibilities with Other Materials: Strong oxidizing agents, strong bases, strong acids, amines, combustible materials and foods.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.

SECTION11 TOXICOLOGICAL INFORMATION

Toxicity Data: Rabbit Oral LD₅₀ - 2835 mg/kg.

Irritation Data: Rabbit Skin - 500mg covers.

Carcinogenicity: ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans.

SECTION12 ECOLOGICAL INFORMATION

24-451

No data available.

SECTION13 DISPOSAL CONSIDERATIONS

Appropriate Method of Disposal of substance:

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION14 TRANSPORT INFORMATION

ADR/RED Class

Proper Shipping Name: Kerosene

Hazard Class: 3

UN Number: 1223

Packing Group: III

IATA

Proper Shipping Name: Kerosene

Hazard Class: 3

UN Number: 1223

Packing Group: III

IMO

Proper Shipping Name: Kerosene

Hazard Class: 3

UN Number: 1223

Packing Group: III

EmS: F-R, S-E

SECTION15 REGULATORY INFORMATION

EU Additional Classification:

Symbol of Danger: Xn

Indication of Danger: Harmful

R 65

Risk Statement: Harmful; may cause lung damage if swallowed

S 23/24/63

Safety Statements: Do not breathe gas/fumes/vapors/spray (appropriate wording to be specified by the manufacturer). Avoid contact with skin. If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

SECTION16 OTHER INFORMATION

Date: Oct. 17, 2003

Department: Shanghai Research Institute of Chemical Industry Testing Center

Shanghai Classification and Testing Centre of Dangerous Chemical for State Work Safety

Tel/Fax: 3621-328-5377/5265071/52867275/32611034

Revision: 0

Other Information

The MSDS is prepared in accordance with ISO 11014-1:1994.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, however arising from using the above information.



NO. 1010070654



检 验 报 告

Test Report

样品名称: 玻璃液体温度计玻璃液 (煤油+红色油溶染料)

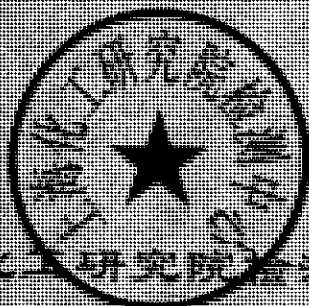
Name of Goods: Oil of thermometer (Kerosene)

委托单位: 常州华光玻璃仪器有限公司

Consignor: CHANGHUANG GLASS INSTRUMENTS CO., LTD

生产单位: 常州华光玻璃仪器有限公司

Manufacturer: CHANGHUANG GLASS INSTRUMENTS CO., LTD



上海化工研究院检测中心

Shanghai Research Institute of Chemical Industry Testing Centre

上海化工研究院检测中心
检验报告
SRICI Testing Centre Test Report

No. 1010070104
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样品名称 Name of Sample	中文 Chinese	玻璃液体温度计玻璃液(玻璃-红色透明液体)			
	英文 English	Oil of thermometer (Kerosene)			
样品编号 Sample No.	1010070104				
委托单位 Consignor	常州华光玻璃仪器有限公司 CHANGZHOU HUAGUANG GLASS INSTRUMENTS CO., LTD				
生产单位 Manufacturer	常州华光玻璃仪器有限公司 CHANGZHOU HUAGUANG GLASS INSTRUMENTS CO., LTD				
检测方法 Test method	卫生部《化学品急性毒性试验技术规程》(2005.6) Ministry of Health: Criterion for Testing of chemicals toxicity (2005.01)				
判定标准 Criterion	GB 15193.3-2003 急性毒性试验 GB 15193.3-2003 Acute toxicity test				
样品外观 Appearance	红色透明液体 Red transparent liquid				
样品接受日期 Accepted Date	2010-07-21	检测截止日期 Test Date	2010-07-21 ~ 2010-08-17		
检测项目 Test Items	急性经口毒性 LD ₅₀ Acute oral toxicity LD ₅₀ value				
检验结论 Conclusion	该样品大鼠急性经口毒性 LD ₅₀ 值 > 2000mg/kg, 急性经口毒性 LD ₅₀ 值无实验数据。 Acute oral toxicity (LD ₅₀) value of the sample is > 2000mg/kg, it belongs to be virtually non-toxic grade of acute oral toxicant.				
备注 Comment	无。None				
委托单位地址 Consignor Address			邮政编码 Post Code		

批准
Approver
职务
Title

张一凡

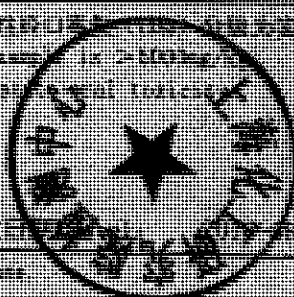
审核
Checker

李一凡

编制
Appraiser

夏洁

副总工程师 (vice chief engineer)



上海化工研究院检测中心

检验报告

SRICI Testing Centre Test Report

№: 1210270064
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序号 No.	检验项目名称 Name of Test Items	标准要求或标准条款号 Standard requirement or The Clause Number of Standard	检测结果 Test Result	试验结论 Conclusion	备注 Remark
1	抗压强度试验 (抗压强度值) 抗压强度试验 (抗压强度值)	GB 12463-1-2002 抗压强度试验 GB 12463-1-2002抗压强度试验	抗压强度 (抗压强度) $> 200\text{kg}/\text{cm}^2$ 抗压强度 (抗压强度) $> 200\text{kg}/\text{cm}^2$	抗压强度 (抗压强度) 符合规定。 The sample belongs to be validly conform to grade of test and finicity	
试验环境条件 Test Environment Condition		GB 12463-1-2002 《试验环境 环境及设施》 GB 12463-1-2002 Laboratory environmental requirements of environment and testing facilities			
分包检验情况 Subcontracted Test Condition		检验项目 Test item			
		分包实验室 Subcontracted Laboratory	名称 Name	地址 Address	邮编 Post Code
			电话 Tel		

