

SAFETY DATA SHEET

SDS

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product name: MERCURY FREE THERMOMETER

Company: Wuxi Medical Instrument Factory Co., Ltd

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SDS No.: 202201001

SECTION2 HAZARDS IDENTIFICATION

Hazards Identification:

The liquid contained in the thermometer According to GHS:

No data for classification.

Emergency Overview:

The liquid contained in the thermometer:

To the best of our knowledge, the hazards are not known.

SECTION3 INFORMATION ON INGREDIENTS

Product name:		MERCURY FREE THERMOMETER		
	Ingredient	Concentration	CAS No.	EC No.
The liquid contained in the thermometer				
	Gallium-indium-tin alloy	100%	/	/
	Gallium		7440-55-3	
	Indium		7440-74-6	
	Tin		7440-31-5	

SECTION4 FIRST-AID MEASURES

Skin Exposure:

In case of contact with the content, wash skin with soap and copious amounts of water. If irritation persists call a physician.

Eye Exposure:

In case of contact with the content, flush with copious amounts of water for at least 15minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.

Inhalation Exposure:

If inhaled, remove to fresh air. Get medical attention.

Oral Exposure:

If swallowed immediately wash out mouth with water provided person is conscious. Do not induce vomiting. Call a physician.

SECTION5 FIRE FIGHTING MEASURES

Extinguishing Media:

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

Firefighting:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place. Cool all affected containers with flooding quantities of water.

SECTION6 ACCIDENTAL RELEASE MEASURES

Procedure of Personal Precaution:

Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Avoid breathing vapors, mist or gas. Entry to noninvolved personnel should be controlled around the leakage area by roping off, etc.

Methods for Cleaning up:

Mix with inert material (e.g. dry sand, vermiculite) and transfer to a dry, clean, lidded

container for disposal. Provide ventilation.

Environmental precautions:

Do not let product enter drains.

SECTION7 HANDLING AND STORAGE

Handling:

Wear appropriate protective clothing and chemical safety gloves. Avoid contact with eyes, skin and clothing. Avoid inhalation. Prevent generation of vapour or mist. Keep container tightly closed. Keep away from heat, sparks and flame. Incompatibilities: strong oxidizing agents. Wash hands and face thoroughly after handling. No smoking at working site.

Storage:

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.

SECTION8 EXPOSURE CONTROL/PPE

Engineering Controls:

Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment:

Respiratory: Government approved respirator if needed.

Eye: Chemical safety goggles.

Clothing: Wear protective clothing.

Hand: Compatible chemical-resistant gloves.

Other Protect:

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

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Colorless transparent glass tube shell(containing a little brilliant silver liquid)

Odor: Odorless

**The liquid
contained in the
thermometer:**

Flash Point >96.0℃

(Closed Cup)/℃:

Solubility: Insoluble in water

SECTION10 STABILITY AND REACTIVITY

Stability:

Stable under recommended storage conditions.

Materials to Avoid:

Strong oxidizing agents.

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

Metal oxides.

SECTION11 TOXICOLOGICAL INFORMATION

The liquid contained in the thermometer:

Acute toxicity:

No data available.

Persistence and degradability:

No data available.

Bioaccumulative potential:

No data available.

Mobility in soil:

No data available.

SECTION12 ECOLOGICAL INFROMATION

The liquid contained in the thermometer:

Toxicity:

No data available.

Persistence and degradability:

No data available

Bioaccumulative potential:

No data available

Mobility in soil:

No data available

SECTION13 DISPOSAL CONSIDERATION

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 and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION14 TRANSPORT INFORMATION

RID/ADR: This substance is considered to be non-hazardous for transport.

IATA: This substance is considered to be non-hazardous for transport.

IMO: This substance is considered to be non-hazardous for transport.

SECTION15 REGULATORY INFORMATION

Regulation (EC) No. 1272/2008 and its amendments:

The liquid contained in the thermometer: No data for classification.

SECTION16 OTHER INFORMATION

无锡市医用仪表厂有限公司
WUXI MEDICAL INSTRUMENT FACTORY CO., LTD

Date: Jan 7th 2022

Revision: 0

Other information:

The above information is based on the latest instructions, information and concepts at our command and has been prepared by referring to the same literature at home and abroad. The above information is only a guide for safe operation, storage, transportation and disposal and is not intended as a guarantee or quality statement.

WUXI MEDICAL INSTRUMENT FACTORY CO., LTD
无锡市医用仪表厂有限公司