

CHANGZHOU DAHUA IMP.AND EXP.(GROUP) CORP.,LTD.

SAFETY DATA SHEET

GLASS THERMOMRTER

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: GLASS THERMOMRTER
Company: CHANGZHOU DAHUA IMP.AND EXP. (GROUP) CORP. ,LTD.
Address: No.180 Guanhe West Road, Changzhou City, 213002, P. R. China
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Emergency Phone: 86-13813697833
SDS Number: 2620040046
Effective Date: 2020-04-24

SECTION2 HAZARDS IDENTIFICATION

The liquid contained in the glass crust:

GHS Classification:

Physical Hazards:

Flammable liquids Category 3

Health Hazards:

Skin corrosion/irritation Category 2

Specific target organ toxicity - Single exposure Category 3 (Respiratory tract irritation, Narcotic effects)

Aspiration hazard Category 1

Environmental Hazards:

Hazardous to the aquatic environment - Acute hazard Category 2

Hazardous to the aquatic environment - Chronic hazard Category 2

The hazards not mentioned are not applicable or no data available.

GHS Labelling:

Pictogram:

**Signal Word:**

Danger

Hazard Statements:

- H226 Flammable liquid and vapour.
- H315 Causes skin irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H304 May be fatal if swallowed and enters airways.
- H411 Toxic to aquatic life with long lasting effects.

Prevention Precautionary Statements:

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 Keep container tightly closed.
- P240 Ground and bond container and receiving equipment.
- P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
- P242 Use non-sparking tools.
- P243 Take action to prevent static discharges.
- P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
- P264 Wash thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P273 Avoid release to the environment.

Response Precautionary Statements:

- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [or shower].
- P370+P378 In case of fire: Use Dry chemical, Water spray, Carbon dioxide or appropriate foam to extinguish.
- P332+P317 If skin irritation occurs: Get medical help.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P319 Get medical help if you feel unwell.
- P301+P316 IF SWALLOWED: Get emergency medical help immediately.
- P331 Do NOT induce vomiting.
- P391 Collect spillage.

Storage Precautionary Statements:

- P403+P235+P233 Store in a well-ventilated place. Keep cool. Keep container tightly closed.
- P405 Store locked up.

Disposal Precautionary Statements:

- P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

Other Hazards:

No data available.

SECTION3 INFORMATION ON INGREDIENTS

Product name: GLASS THERMOMETER

| Ingredient | Concentration | CAS No. | EC No. |
|--|---------------|-----------|-----------|
| The liquid contained in the glass crust: KEROSENE | 100% | 8008-20-6 | 232-366-4 |

SECTION 4 FIRST-AID MEASURES

The liquid contained in the glass crust:

Skin Exposure:

In case of skin contact, flush with copious amounts of water. If irritation persists, call a physician.

Eye Exposure:

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

Inhalation Exposure:

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Oral Exposure:

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

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 FIRE FIGHTING MEASURES

Extinguishing Media:

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

Special hazards arising from the substance or mixture:

Flammable liquid and vapour. May decompose upon combustion or in high temperatures to generate Carbon oxides.

Advice for firefighters:

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. Keep containers cool by spraying with water.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

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

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let it enter drains. Avoid release to the environment. Collect spillage.

Methods and materials for containment and cleaning up:

Mix with inert material (e.g. dry sand, vermiculite) and transfer to a dry, clean, lidded container for disposal. Using non-sparking tools. Avoid inhalation. Ventilate area and wash spill site after material pickup is complete.

SECTION7 HANDLING AND STORAGE**Precautions for safe handling:**

Wear anti-electrostatic clothing and compatible protective gloves. Avoid inhalation. Avoid contact with eyes, skin and clothing. Prevent generation of vapour or mist. Handling is performed in a well ventilated place. Keep away from ignition sources, heat and flame. Take measures to prevent the build up of electrostatic charge. Electrostatic charges may be generated during pumping. Ensure electrical continuity by bonding all equipment. Do not expose empty containers to heat, sparks or open flames. Incompatibilities: Strong oxidizing agents, Strong bases, Strong acids, Amines, Combustible materials. Wash hands and face thoroughly after handling. No smoking at working site.

Conditions for safe storage, including any incompatibilities:

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, Strong bases, Strong acids, Amines, Combustible materials. Storage place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

SECTION8 EXPOSURE CONTROL/PPE**Control parameters:**

Not set up.

Appropriate engineering controls:

Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment:

Respiratory: Wear government approved respirator.

Eye: Wear chemical safety glasses.

Clothing: Wear anti-electrostatic clothing.

Hand: Wear compatible protective gloves.

Other Protect:

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

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Colorless transparent glass crust (containing red liquid)

The liquid contained in the glass crust:

Odor: Weak odor

Odor Threshold: No data available

pH Value: Not applicable

Solubility(ies): Hardly soluble in water

Melting Point/ No data available

Freezing Point:

Boiling Point, No data available

Initial Boiling

Point and Boiling

Range:

Flash Point 49.0°C
 (Closed Cup):
 Density/Relative No data available
 Density:
 Viscosity: No data available
 Upper/Lower No data available
 Flammability or
 Explosive Limits:
 Vapor Pressure: No data available
 Vapor Density: No data available
 n-Octanol/Water No data available
 Partition
 Coefficient:
 Autoignition No data available
 Temperature:
 Decomposition No data available
 Temperature:
 Evaporation Rate: No data available
 Flammability Not applicable
 (Solid, Gas):

SECTION10 STABILITY AND REACTIVITY

Reactivity:

No data available.

Chemical stability:

Stable under normal temperatures and pressures.

Possibility of hazardous reactions:

No data available.

Conditions to avoid:

Heat, flames and sparks. Extremes of temperature and direct sunlight.

Incompatible materials:

Strong oxidizing agents, Strong bases, Strong acids, Amines, Combustible materials.

Hazardous Decomposition Products:

Carbon oxides.

SECTION11 TOXICOLOGICAL INFORMATION

The liquid contained in the glass crust:

Acute Toxicity:

No data available.

Skin Corrosion/Irritation:

Causes skin irritation.

Serious eye damage/irritation:

No data available.

Respiratory Sensitization:

No data available.

Skin Sensitization:

No data available.

Germ Cell Mutagenicity:

No data available.

Carcinogenicity:

No data available.

Reproductive Toxicity:

No data available.

Specific Target Organ Toxicity -Single Exposure:

May cause respiratory irritation.

May cause drowsiness or dizziness.

Specific Target Organ Toxicity -Repeated Exposure:

No data available.

Aspiration Hazard:

May be fatal if swallowed and enters airways.

SECTION12 ECOLOGICAL INFORMATION

The liquid contained in the glass crust:

Ecotoxicity:

Toxic to aquatic life with long lasting effects.

Persistence and Degradability:

No data available.

Bioaccumulative Potential:

No data available.

Mobility in soil:

No data available.

Other adverse effects:

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

The net quantity of dangerous goods per package is not more than 0.5L.

IATA DGR:

Proper Shipping Name: Dangerous goods in apparatus

Hazard Class: 9

UN Number: UN3363

IMO IMDG Code:

Proper Shipping Name: Dangerous goods in apparatus

Hazard Class: 9

UN Number: UN3363

EmS No. : F-E, S-D

SECTION15 REGULATORY INFORMATION

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

The liquid contained in the glass crust:

Flammable liquids Category 3

Skin corrosion/irritation Category 2

Specific target organ toxicity - Single exposure Category 3 (Respiratory tract irritation, Narcotic effects)

Aspiration hazard Category 1

Hazardous to the aquatic environment - Chronic hazard Category 2

SECTION 16 OTHER INFORMATION

Date:

2020-04-24

Department:

Shanghai Research Institute of Chemical Industry Testing Co., Ltd.
Tel (Fax) : +86-21-52815377/31765555

Revision:

0

Reference Standard:

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 8th revised edition

Other 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. 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 investigation 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, howsoever arising from using the above information.