SDS REPORT

Ningbo City Jiangbei Cicheng development of plastic hardware factory.
No.165,Minzhu Road,Cicheng Town,Jiangbei District，Ningbo City,Zhejiang Province.

SDS Report No.	:	SDS2019062506
Compilation Date	:	Jun 25, 2019
Sample Name	:	Thermometer
Composition/Ingredient of The Sample	:	See Section 3 on the SDS
Service Requested	:	Safety Data Sheet (SDS) for the sample with submitted composition.
Summary	:	As per request, the contents and formats of the SDS are prepared in according with US Regulations Relating to Labor 29 CFR 1910.1200(g), and is provided per attached.

Ningbo DMS Product Test Service Co., Ltd.
Sales specialist: xzw@nbdume.com /0574-87157297/13736003451

Signed for and on behalf of
Technical Center:

Section 1 - Identification of the substance/preparation and of the company/undertaking

Product Identifier

Product Name: Thermometer

Other means of identification

Synonyms: None

Recommended use of the chemical and restrictions on use

Recommended Use: Temperature measurement

Uses advised against: No information available

Details of the supplier of the safety data sheet

Manufacturer's/ Supplier Name: Ningbo City Jiangbei Cicheng development of plastic hardware factory.
Address: No.165,Minzhu Road,Cicheng Town,Jiangbei District，Ningbo City,Zhejiang Province.

Telephone number of the manufacturer/supplier: +86-13805874667

Emergency Telephone Number (24h): +86-13805874667

E-mail address: syu_mao@163.com

Section 2 - Hazards Identification

Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) this product is an article which is a sealed container and as such does not require an SDS per the OSHA hazard communication standard unless broken. The hazards indicated are for a broken glass thermometer.

Flammable liquid	Category 3
Aspiration hazard	Category 1
Skin irritation	Category 2
Specific Target Organ Toxicity (single exposure)	Category 3
Hazardous to the aquatic environment, Chronic	Category 2

GHS Label elements, including precautionary statements

Emergency Overview

Signal word: Danger
Hazard Statements
Flammable liquid and vapour
May be fatal if swallowed and enters airways.
Causes skin irritation.
May cause drowsiness or dizziness.
Toxic to aquatic life with long lasting effects.

Intended use of the product should not result in exposure to the chemical substance This is a glass thermometer. In case of break: the above hazards exist.

Precautionary Statements	Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep out of reach of children. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

Section 3 – Composition/Information on Ingredients

Chemical Name	CAS Number	Weight-%
SiO_2	14808-60-7	98.00
KEROSENE	8008-20-6	1.99
C.I.Pigment Red-63:2	26694-69-9	0.01

Section 4 – First-aid Measures

General Advice: First aid is not necessary unless glass thermometer is broken.

Eye contact: First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then refer for medical attention.

Skin contact: Remove contaminated clothes. Rinse and then wash skin with water and soap. Seek medical attention if you feel unwell.

Inhalation: Fresh air, rest. Artificial respiration may be needed. Refer immediately for medical attention.

Ingestion: Rinse mouth. Rest. Do NOT induce vomiting. Refer immediately for medical attention.

Section 5 – Fire-fighting Measures

In case of the kerosene in glass thermometer trigger fires

Suitable extinguishing Media

Use powder, foam, carbon dioxide. In case of fire: keep drums, etc., cool by spraying with water.

Hazardous Combustion Products Carbon oxides.
Protective Equipment and precautions for firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6 – Accidental Release Measures

In case of the kerosene in glass thermometer releases

Personal Precautions,protective equipment,and emergency procedures self-contained breathing apparatus.
Environmental Precautions Do NOT let this chemical enter the environment.
Methods and material for containment and cleaning up Collect leaking and spilled liquid in sealable containers as far as possible. Absorb remaining liquid in sand or inert absorbent. Then store and dispose of according to local regulations.

Section 7 – Handling and Storage

Precautions for safe handling	Do not use it beyond its measurement rang -30℃-150℃。 Do not break it.
Storage:	Keep containers sealed in a dry, cool and well-ventilated place.

Section 8 – Exposure Controls and Personal Protection

Control parameters

Exposure Guidelines

Exposure Guidelines	ACGIH TLV	OSHA PEL	NIOSH IDLH
KEROSENE CAS NO. 8008-20-6	Not established	Not established	Not established

*ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value
OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Exposure controls No need under normal conditions.

Section 9 - Physical and Chemical Properties

Physical state: Solid **Color:** Red **Odor:** Odorless
Property of Kerosene (CAS NO. 8008-20-6) **Physical state:** Liquid **Color:** Colourless to yellowish **Odor:** Typical petroleum odour **Boiling point:** 175-325°C **Melting point:** -48 - -26°C **Relative density (water = 1):** 0.80 - <1.0 **Solubility in water:** Insoluble **Relative vapour density (air = 1):** 4.5 **Flash point:** 38-52°C c.c. **Auto-ignition temperature:** 210°C **Explosive limits, vol% in air:** 0.7-5 **Vapour pressure, kPa at 37.8°C:** 1-3.7

Section 10 - Stability and Reactivity

Reactivity	No data available.
Chemical stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None known based on information supplied.
Incompatible materials	Strong oxidizing agents.
Hazardous Decomposition Products	No data available.

Section 11 - Toxicological Information

Information on likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known or supplied information. In case of break:
Inhalation	Specific test data for the substance or mixture is not available. Ingestion of kerosene is a major cause of accidental poisoning in children.
Eye Contact	Specific test data for the substance or mixture is not available.

	Expected to be an irritant based on components. Irritating to eyes. May cause redness, itching, and pain. May cause temporary eye irritation.
Skin Contact	Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. Irritating to skin. Prolonged contact may cause redness and irritation.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Section 12 - Ecological Information

Ecotoxicity

Kerosene is very toxic to aquatic life with long lasting effects.

Persistence and Degradability	No information available.
Bioaccumulation	No information available.
Other adverse effects	No information available.

Section 13 – Disposal Considerations

Waste treatment methods

Disposal methods: This material, as supplied, is not a hazardous waste according to Federal regulations (40CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging: Dispose of in accordance with federal, state and local regulations.

Section 14 – Transport Information

• Maritime transport IMDG:	
• IMDG Class:	-
• UN Number:	-
• Label:	-
• Packaging group:	-
• EMS Number:	-
• Marine pollutant:	-

• Proper shipping name:	-

Section 15 - Regulatory Information

EPA Consolidated List of Lists
No regulatory information available.
DHS Chemical Facility Anti-Terrorism Standards (CFATS)
No regulatory information available.
OSHA Process Safety Management (PSM) Standard List
No regulatory information available.

Section 16 - Other Information

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

--End of Safety Data Sheet--