

SDS Report

No. SHAHG1919579601

Date: Sep. 11, 2019

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NINGBO DONGCHUAN SWIMMING POOL EQUIPMENT CO., LTD.
No.32 Dongbei Road,Dongqiao Industrial Park,Haishu District,Ningbo,China

SGS Ref. No. : SHHL1908048272SD-SH
Sample Name : Aviation Kerosene
End Uses: Used for thermometer
Composition/Ingredient of sample (as per client submission) : See *Section 3 Composition/information on ingredients* on the SDS report
Job Receiving Date : Sep 02, 2019
Last Information Date : Sep 09, 2019
SDS Preparation Period : Sep 02 – Sep 10, 2019

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with European Commission Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and Regulation (EU) No 2015/830, and is provided per attached.

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Cathy Cai
Approved Signatory



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Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center-Chemical Laboratory

3rd Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgs.com.cn
t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

Safety data sheet
Regulation (EC) No. 1907/2006 and 1272/2008

Printing date 10.09.2019

Version number 1.0

Revision: 09.09.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** U.S. Pool Supply Scoop Pool Thermometer with Jumbo Easy To Read Temperature Display
- **CAS Number:**
8008-20-6
- **EC number:**
232-366-4
- **Index number:**
649-404-00-4
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance/ the mixture:** Used for thermometer
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
U.S. Pool Supply
(Contact Factory: NINGBO DONGCHUAN SWIMMING POOL EQUIPMENT CO., LTD.)
6695 Rasha St. San Diego, CA. 92121
Tel: 858-909-2110
E-mail: support@tcpglobal.com
- **Only Representative/ other EU contact point:** Not available
- **Further information obtainable from:**
NINGBO DONGCHUAN SWIMMING POOL EQUIPMENT CO., LTD.
- **1.4 Emergency telephone number:**
Jeff Liu - Tel: 13858283787
FRANCE
Anti-poison center ORFILA (INRS) Tel: +33 (0)1 45 42 59 59
SPAIN
National Institute of Toxicology and Forensic Sciences
Toxicology Information Service Tel: +34 91 562 04 20
- **1.5 Reference Number:** SHHL1908048272SD-SH; SHAHG1919579601

SECTION 2: Hazards identification

The amount of kerosene in a single thermometer is approximately two cc. This section identifies the hazards of the substance, without regard of amount of kerosene present in the finished product

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS08 health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

- **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of Regulation (EC) No. 1272/2008.
- **Classification system:**
The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The substance is classified and labelled according to Regulation (EC) No 1272/2008.

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· **Hazard pictograms**



GHS08

· **Signal word** *Danger*

· **Hazard-determining components of labelling:**

Kerosine (petroleum)

· **Hazard statements**

H304 May be fatal if swallowed and enters airways.

· **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P405 Store locked up.

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

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable

· **vPvB:** Not applicable

SECTION 3: Composition/information on ingredients

· **3.1 Substances**

· **CAS No. Description**

8008-20-6 Kerosine (petroleum)

· **Identification number(s)**

· **EC number:** 232-366-4

· **Index number:** 649-404-00-4

· **Remark:** *This product contains substance Kerosine (petroleum) (CAS No.8008-20-6) 100% by weight.*

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **After inhalation:** *Supply fresh air; consult doctor in case of complaints.*

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Rinse out mouth with water.

Never give anything by mouth to an unconscious person.

Call a doctor immediately.

· **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

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- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂ powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:**
Mouth respiratory protective device.
Wear fully protective suit.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation.
Keep away from ignition sources.
Use respiratory protective device against the effects of fumes/dust/aerosol.
Avoid contact with eyes.
Avoid contact with skin.
- **6.2 Environmental precautions:** Do not allow to enter sewers/surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Keep receptacles tightly sealed.
Keep away from heat and direct sunlight.
Prevent formation of aerosols.
Avoid contact with skin and eyes.
For the general occupational hygienic measures refer to section 8.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect from heat.
Keep respiratory protective device available.
- **7.2 Conditions for safe storage, including any incompatibilities:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Store only in the original receptacle.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from flammable substances.

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- Store away from oxidising agents.
- **Further information about storage conditions:**
 - Keep container tightly sealed.
 - Store in cool, dry conditions in well sealed receptacles.
 - Protect from heat and direct sunlight.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

- **Ingredients with limit values that require monitoring at the workplace:**

8008-20-6 Kerosine (petroleum) (100%)

LEP (Spain)	Long-term value: 200 mg/m ³ vía dérmica
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- **Regulatory information** LEP (Spain): *Limites de exposición profesional para agentes químicos*
- **DNELs:** Data not available
- **PNECs:** Data not available
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Based on composition shown in Section 3, the following measures are suggested for occupational safety measure:**
- **Appropriate engineering controls:**
 - Keep away from foodstuffs, beverages and feed.
 - Wash hands before breaks and at the end of work.
 - See Section 7 for information about design of technical facilities.
- **Personal protective equipment:**
- **Respiratory protection:** Suitable respiratory protective device recommended.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

- **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles

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- **Environmental exposure controls:**
Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· Appearance:

Form: Liquid
 Colour: Light yellow

· Odour: Irritant

· Odour threshold: Data not available.

· pH-value: Data not available.

· Melting point/freezing point: Data not available.

· Initial boiling point and boiling range: Data not available

· Flash point: Data not available

· Flammability (solid, gas): Not applicable

· Auto-ignition temperature: Data not available

· Decomposition temperature: Data not available.

· Self-igniting: Data not available

· Explosive properties: Data not available

· Explosion limits:

Lower: Data not available.

Upper: Data not available.

· Oxidising properties: Data not available

· Vapour pressure: Data not available.

· Density: Data not available.

· Relative density: Data not available.

· Vapour density: Data not available.

· Evaporation rate: Data not available.

· Solubility in / Miscibility with water: Data not available

· Partition coefficient: n-octanol/water: Data not available.

· Viscosity:

Dynamic: Data not available.

Kinematic: Data not available.

· 9.2 Other information: No further relevant information available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity: No decomposition if used according to specification.
- 10.2 Chemical stability: Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions: No dangerous reactions known.
- 10.4 Conditions to avoid: No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.

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- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

8008-20-6 Kerosine (petroleum)

Oral LD50	2,835 mg/kg (rabbit)
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- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:**
May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.
- **12.7 Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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SECTION 14: Transport information

The shipping of Kerosene filled glass thermometers is not regulated. Thermometers should be packaged in such a way to avoid breakage. They should also be packed so that if breakage occurs, kerosene does not leak from the container.

The information below is for bulk kerosene shipments and does not apply to glass filled thermometers.

· 14.1 UN-Number · ADR/RID/ADN, IMDG, IATA	UN1233
· 14.2 UN proper shipping name · ADR/RID/ADN, IMDG, IATA	Kerosene (Kerosine)
· 14.3 Transport hazard class(es) · ADR/RID/ADN, IMDG, IATA · Class · Label	3- Class 3 - Flammable and combustible liquid 49 CFR 173.120 3 - Flammable liquid
· 14.4 Packing group · ADR/RID/ADN, IMDG, IATA	III
· 14.5 Environmental hazards	Not applicable.
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· 14.8 Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Not applicable

SECTION 15: Regulatory information

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

· MAK (German Maximum Workplace Concentration)

Substance is not listed.

· Directive 2012/18/EU

· Named dangerous substances- ANNEX I Substance is not listed.

· National regulations:

· Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

· Other regulations, limitations and prohibitive regulations

· SVHC Candidate List of REACH Regulation Annex XIV Authorisation (16/7/2019)

Substance is not listed.

· REACH Regulation Annex XVII Restriction (20/6/2019)

See Section 16 for information about restriction of use.

Substance is not listed.

· REACH Regulation Annex XIV Authorization List (13/6/2017)

Substance is not listed.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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SECTION 16: Other information

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

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· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Asp. Tox. 1: Aspiration hazard – Category 1

End of document