

## Safety Data Sheet (SDS)

The content and format of this SDS is accordant with 29 CFR 1910.1200 (OSHA standard)

### 1. Identification of the substance/preparation and of the company/undertaking

**Product details:**

**Product name:** U.S. Pool Supply Spa, Hot Tub, Small Pool Floating Chlorine & Bromine 1" or 1-1/2" Tablet Chemical Dispenser with 120° Thermometer

**Recommended use of the chemical and restrictions on use:** Thermometer. Restrictions on use: Do NOT use it in an application which may contaminate food or do harm to human health.

**Manufacturer/Supplier:** U.S. Pool Supply (contract factory in China)

Address: 6695 Rasha St, San Diego, CA. 92121

Tel.: 858-909-2110

Email: support@tcpglobal.com

**Further information obtainable from:** TCP Global Corporation 858-909-2110

**Information in case of emergency:** CHEMTREC 1-800-424-9300

### 2. Hazards identification

**GHS classification:**

Physical hazards	Flammable liquids	Category 4
Health hazards	Skin corrosion/irritation	Category 2
	STOT-single exposure	Category 3 (Respiratory tract irritation, Narcotic effects)
	Aspiration hazard	Category 1
Environmental hazards	Not classified.	

**Signal Word:** Danger.

**Symbol:**



**Hazard Statements:**

H227: Combustible liquid.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

**Precautionary Statements:**

P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P261: Avoid breathing gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/eye protection/face protection.

**Response Precautionary Statements:**

P370+P378: In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide for extinction.

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P321: Specific treatment (Please see the specific measures for accident that included in the label, or go to hospital for treatment.)

P332 + P313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

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

P331: Do NOT induce vomiting.

P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

**Storage precautionary statements:**

P403 + P233: Store in a well-ventilated place. Keep container tightly closed.

P403 + P235: Store in a well-ventilated place. Keep cool.

P405: Store locked up.

**Disposal precautionary statements:**

P501: Dispose of contents/ container to an approved waste disposal plant. (It is recommended to use incineration method to dispose of waste.)

**3. Composition/information on ingredients**

**Product description:** substance (√); preparation/mixture ( )

Ingredient (s)	CAS No.	EC No.	% by weight
Kerosene	8008-20-6	232-366-4	100%

**4. First aid measures**

**Persons using this product should consult a physician or other medical professional if an accident involving this product results in injury. Specific first-aid measures are as follows:**

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**Skin Contact:** Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

**Eyes Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion:** Rinse mouth. Do not induce vomiting without professional instruction. Get medical attention immediately if discomfort occurs.

**Acute effect and delayed effect:** Acute effect: May be fatal if swallowed and enters airways. Causes skin irritation. May cause respiratory irritation. May cause drowsiness or dizziness. Delayed effect: Not found.

**Personal protective equipment:** Wear protective gloves/protective clothing/eye protection/face protection when necessary.

**Indication of immediate medical attention and treatment needed, if necessary:** Treat according to symptoms and exposure dose.

## 5. Fire-fighting measures

**Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable Extinguishing Media:** High volume water jet. Discharging cylinder shape water from fire hose may lead to spread fire to the surroundings.

**Special hazards arising from the chemical:** Combustible liquid. It may cause fire or explosion if exposed to fire, open flame and extremely high temperature.

### **Fire Fighting Method:**

For initial fire, use dry powder, carbon dioxide, etc.

For large fire, it is effective to use alcohol-resistant foam, etc. to shut off air supply.

Deny unnecessary entry to the place around the fire.

Remove containers from fire area if it can be done without risk.

Use water spray to cool unopened containers.

Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

**Special actions for fire-fighters:** Firefighters must wear self-contained breathing apparatus and full protective equipment.

Check whether the protective equipment is in good condition before use.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Use proper personal protective equipment as indicated in Section 8.

**Environmental precautions:** Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

### **Methods and material for containment and cleaning up:**

#### **Small Spill:**

Mop up or absorb with an inert dry material (e.g. sand) and place in an appropriately labeled waste disposal container.

#### **Large Spill:**

Isolate contaminated area and set up a warning board. The persons handling emergency are recommended wearing protective clothing. Do NOT touch spilled material.

Build up dike or dig pit for collection. Spray fog water to cool down and dilute vapour. Protect the working staff. Collect the spilled material with explosion-proof pump into an appropriate container and transport the waste to the disposal place.

## 7. Handling and storage

### **Precautions for safe handling:**

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Avoid breathing gas/mist/vapours/spray.

Wash hands thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/eye protection/face protection.

**Conditions for safe storage, including any incompatibilities:** Store it in a well-ventilated, cool and dry store room. Avoid long-time direct contact of sunlight. The storeroom should be equipped with proper facilities for accidental fire. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Store locked up.

**Incompatible substances or mixtures:** Strong oxidizing agents.

**Packing material:** No relevant information.

## 8. Exposure controls/personal protection

### Occupational Exposure Limits:

Ingredients	OSHA PEL-TWA	ACGIH TLV-TWA
Kerosene (CAS: 8008-20-6)	No data available	No data available

### Engineering Controls:

Use this product only in closed systems fully or with local exhaust ventilation.

Install washer eyes and safety showers near to the handling and storage area.

Shows the location of these facilities, with a clear and prominent warning board.

### Personal Protective Equipment (For workers):

#### Protection of Hands:

Wear impermeable rubber gloves. (e.g. Rubber gloves)



#### Protection of Eyes:

Wear safety glasses when vapour or fume may be generated during processing or working for a long time.



#### Respiratory Protection:

Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.



#### Protection of Body:

Recommend wearing general working clothing.



#### .General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Do not inhale vapour generated from processing.

Avoid contact with eyes and skin.

## 9. Physical and chemical properties

General Information	
Form	Liquid
Color	No data available
Odor	No data available
Odor threshold	No data available
pH	No data available
Melting point/freezing point	-30°C
Initial boiling point and boiling range	172°C
Flash point	66°C
Evaporation rate	No data available
Flammability (solid, gas, etc.)	Combustible liquid.
Upper/lower flammability or explosive limits	No data available
Vapor pressure	4.5hpa
Vapor density	No data available
Density	0.7989g/cm <sup>3</sup>
Solubility (ies)	No data available
Partition coefficient: n-octanol/Water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available

## 10. Stability and reactivity

**Reactivity and Chemical stability:** This product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

**Possibility of hazardous reactions:** No relevant information.

**Conditions to Avoid:** Long time exposure to direct sunlight or heat.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous decomposition products:** When heated to decomposition it emits acrid smoke and irritating fumes.

## 11. Toxicological information

### Product Toxicity Data:

Ingredient (s)	CAS No.	LD <sub>50</sub> /LC <sub>50</sub> (Median lethal dose)
Kerosene	8008-20-6	Acute toxicity (Oral) LD <sub>50</sub> >48,000mg/kg (rat) Data source: NITE-CHRIP Acute toxicity (Dermal) LD <sub>50</sub> : 2,000mg/kg (rabbit) Data source: NITE-CHRIP
Classification of the whole product:		Not classified.

<b>Skin corrosion/irritation</b>	Kerosene (CAS: 8008-20-6): Category 2 (Data source: NITE-CHRIP) Classification of the whole product: Category 2
<b>Serious eye damage/eye irritation</b>	No classification for this product.
<b>Respiratory sensitizer</b>	No classification for this product.
<b>Skin sensitizer</b>	No classification for this product.
<b>Germ cell mutagenicity</b>	No classification for this product.
<b>Carcinogenicity</b>	No classification for this product.
<b>Reproductive Toxicity</b>	No classification for this product.
<b>STOT-single exposure</b>	Kerosene (CAS: 8008-20-6): Category 3 (Respiratory tract irritation, Narcotic effects) (Data source: NITE-CHRIP) Classification of the whole product: Category 3 (Respiratory tract irritation, Narcotic effects)
<b>STOT-repeated exposure</b>	No classification for this product.
<b>Aspiration hazard</b>	Kerosene (CAS: 8008-20-6): Category 1 (Data source: NITE-CHRIP, CLP) Classification of the whole product: Category 1

## 12. Ecological information

**Ecotoxicity:** No data available.

**Persistence and Degradability:** No data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** When it is in liquid status, it can move in soil.

**Other adverse effects:** No relevant information.

## 13. Disposal considerations

### Waste treatment methods:

It is recommended to use incineration method to dispose of waste.

Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.

After contents are completely removed, dispose of its container at hazardous or special waste collection point.

Paste a label on the container indicating the possible hazards of the waste.

## 14. Transport Information

### DOT/Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG:

**Proper Shipping Name:** Not regulated.

**Hazard Class:** Not applicable.

**UN Code:** Not applicable.

**Packing Group:** Not applicable.

**Packing Group Symbol:** Not applicable.

**Marine Pollutant (Yes/No):** No.

**EMS NO.:** Not applicable.

**Note:**

Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

**15. Regulatory information**

**.United States:**

**Section 355 (extremely hazardous substances):** Not listed.

**SARA 313** Not listed.

**Clean Water Act:**

Chemical Name	CWA - Reportable Quantities	CWA - Hazardous Substances	CWA - Priority Pollutants	CWA - Toxic Pollutants
Not available	Not available	Not available	Not available	Not available

**Carcinogenicity categories:**

Chemical Name	ACGIH	IARC	NTP	OSHA
Not available	Not available	Not available	Not available	Not available

**Toxic Substances Control Act (TSCA):** Kerosene (CAS: 8008-20-6) is listed in the U.S. Toxic Substances Control Act Chemical Substance Inventory List.

**.Other relevant laws and regulations:**

**Canada Domestic Substances List (DSL):** Kerosene (CAS: 8008-20-6) is listed in the Canada Domestic Substances List (DSL).

**Canada Non-domestic Substance List (NDSL):** Not listed.

**Candidate List of Substances of very high concern (SVHC) according to ECHA:** Not listed.

**REACH Regulation Annex XVII Regulation List:** Not listed.

**REACH Regulation Annex XIV Authorization List:** Not listed.

**Germany – WGK:** Not classified.

**(EC) 1272/2008 Annex VI Table 3.1:**

Ingredient(s)	EC No. 1272/2008 Classification	
	CLASS. CODE	HAZARD CODE
Kerosene (CAS: 8008-20-6)	Asp. Tox. 1	H304

**Chemical Safety Assessment:** A Chemical Safety Assessment has not been carried out.

**16. Other information**

**DISCLAIMER:** Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

**References:**

- GHS Annex II
- GHS SDS Instruction
- ANSI Z400.1/Z129.1-2010
- OSHA Hazard Communication Standard (HCS) 2012

**Full description of some acronyms:**

**CAS-Chemical Abstracts Service**

**EINECS-European Inventory of Existing Commercial Chemical Substances**

**IMO-International Maritime Organization**

**IMDG-International Maritime Dangerous Goods**

**IATA-International Air Transport Association**

**ICAO-International Civil Aviation Organization**

**TSCA-Toxic Substance Control Act**

**OSHA-Occupational Safety and Health Administration**

**ACGIH- American Conference of Governmental Industrial Hygienists**

**HSDB- National Library of Medicine (NLM) Toxicology Data Network (TOXNET) Hazardous Substances Data Bank**

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