SECTION 1: Product and company identification

Product name: Trounce
Use of the substance/mixture: Disinfectant
Product code: 016101
Company: Share Corporation
   P.O. Box 245013
   Milwaukee, WI 53224 - USA
   T (414) 355-4000
Emergency number: Chemtrec: (800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification
Not classified

2.2. Label elements

GHS-US labeling
No labeling applicable

2.3. Other hazards
No additional information available

2.4. Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-propanol</td>
<td>(CAS-No.) 67-63-0</td>
<td>1</td>
<td>Flam. Liqu. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336</td>
</tr>
<tr>
<td>citric acid</td>
<td>(CAS-No.) 77-92-9</td>
<td>0.6</td>
<td>Eye Irrit. 2A, H319</td>
</tr>
</tbody>
</table>

A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general: If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: Remove the victim into fresh air.

First-aid measures after skin contact: Wash skin with plenty of water.

First-aid measures after eye contact: Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion: Rinse mouth with water. Consult a doctor/medical service if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after inhalation: None under normal use.

Symptoms/effects after skin contact: Contact during a long period may cause slight irritation.

Symptoms/effects after eye contact: Direct contact with the eyes is likely to be irritating.

Symptoms/effects after ingestion: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Adapt extinguishing media to the environment.

Unsuitable extinguishing media: Solid water jet ineffective as extinguishing medium.

5.2. Special hazards arising from the substance or mixture

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.
5.3. Advice for firefighters
Firefighting instructions: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures
General measures: Isolate from fire, if possible, without unnecessary risk.

6.1.1. For non-emergency personnel
Emergency procedures: Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.

6.1.2. For emergency responders
Protective equipment: Equip cleanup crew with proper protection.
Emergency procedures: Stop leak if safe to do so. Stop release. Ventilate area.

6.2. Environmental precautions
Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up
For containment: Contain released product, pump into suitable containers.
Methods for cleaning up: This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections
No additional information available

SECTION 7: Handling and storage
7.1. Precautions for safe handling
Precautions for safe handling: Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing.
Hygiene measures: Wash thoroughly after handling. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities
Technical measures: Comply with applicable regulations.
Storage conditions: Keep container closed when not in use.
Storage area: Meet the legal requirements. Store in a cool area. Store in a well-ventilated place.
Special rules on packaging: meet the legal requirements.

SECTION 8: Exposure controls/personal protection
8.1. Control parameters

<table>
<thead>
<tr>
<th>Compound</th>
<th>ACGIH TWA (ppm)</th>
<th>ACQIH STEL (ppm)</th>
<th>OSHA PEL (TWA) (mg/m³)</th>
<th>OSHA PEL (TWA) (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-propanol (67-63-0)</td>
<td>200 ppm</td>
<td>400 ppm</td>
<td>980 mg/m³</td>
<td>400 ppm</td>
</tr>
</tbody>
</table>

8.2. Exposure controls
Personal protective equipment: Use appropriate personal protective equipment when risk assessment indicates this is necessary. Gloves. Safety glasses. Protective clothing.

Other information: Use good personal hygiene practices.

SECTION 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties
Physical state: Liquid
**Appearance**: Clear, colorless liquid.

**Odor**: Fresh

**Odor threshold**: No data available

**pH**: 2 - 2.3

**Melting point**: No data available

**Freezing point**: No data available

**Boiling point**: No data available

**Flash point**: No data available

**Relative evaporation rate (butyl acetate=1)**: No data available

**Flammability (solid, gas)**: No data available

**Explosion limits**: No data available

**Explosive properties**: No data available

**Oxidizing properties**: No data available

**Vapor pressure**: No data available

**Relative density**: No data available

**Relative vapor density at 20 °C**: No data available

**Specific gravity / density**: 1.01 g/ml

**Solubility**: Soluble in water.

**Log Pow**: No data available

**Log Kow**: No data available

**Auto-ignition temperature**: No data available

**Decomposition temperature**: No data available

**Viscosity**: No data available

**Viscosity, kinematic**: No data available

**Viscosity, dynamic**: No data available

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**
The product is non-reactive under normal conditions of use, storage and transport.

**10.2. Chemical stability**
The product is stable at normal handling and storage conditions.

**10.3. Possibility of hazardous reactions**
None under normal use.

**10.4. Conditions to avoid**
Extremely high or low temperatures.

**10.5. Incompatible materials**
None known.

**10.6. Hazardous decomposition products**
No hazardous decomposition products known at room temperature.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity**: Not classified

**2-propanol (67-63-0)**

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>5840 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Experimental value)</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>16400 ml/kg (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value)</td>
</tr>
<tr>
<td>LC50 inhalation rat (ppm)</td>
<td>&gt; 10000 ppm (Equivalent or similar to OECD 403, 6 h, Rat, Male/female, Experimental value)</td>
</tr>
<tr>
<td>ATE CLP (oral)</td>
<td>5840 mg/kg body weight</td>
</tr>
</tbody>
</table>

**citric acid (77-92-9)**

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 dermal rat</td>
<td>&gt; 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male/female, Experimental value)</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**: Not classified

**pH**: 2 - 2.3
Serious eye damage/irritation: Not classified
pH: 2 - 2.3
Respiratory or skin sensitization: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
Specific target organ toxicity – single exposure: Not classified
Specific target organ toxicity – repeated exposure: Not classified
Aspiration hazard: Not classified
Symptoms/effects after inhalation: None under normal use.
Symptoms/effects after skin contact: Contact during a long period may cause slight irritation.
Symptoms/effects after eye contact: Direct contact with the eyes is likely to be irritating.
Symptoms/effects after ingestion: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

SECTION 12: Ecological information

12.1. Toxicity

2-propanol (67-63-0)
LC50 fish 1  9640 - 10000 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)

citric acid (77-92-9)
LC50 fish 1  440 - 760 mg/l (Equivalent or similar to OECD 203, 48 h, Leuciscus idus, Static system, Fresh water, Experimental value)

12.2. Persistence and degradability

2-propanol (67-63-0)
Biochemical oxygen demand (BOD): 1.19 g O₂/g substance
Chemical oxygen demand (COD): 2.23 g O₂/g substance
ThOD: 2.4 g O₂/g substance
citric acid (77-92-9)
Persistence and degradability: Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD): 0.42 g O₂/g substance
Chemical oxygen demand (COD): 0.728 g O₂/g substance
ThOD: 0.686 g O₂/g substance
BOD (% of ThOD): 0.89 (20 day(s), Literature study)

12.3. Bioaccumulative potential

2-propanol (67-63-0)
Log Pow: 0.05 (Weight of evidence approach, 25 °C)
Bioaccumulative potential: Low potential for bioaccumulation (Log Kow < 4).
citric acid (77-92-9)
BCF other aquatic organisms 1: 3.2 (Other, Calculated value)
Log Pow: -1.8 - -1.55 (Experimental value)
Bioaccumulative potential: Not bioaccumulative.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Product/Packaging disposal recommendations: Dispose of contents/container to comply with local/regional/national/international regulations.
Additional information: Do not re-use empty containers.
SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT: Not regulated for transport

Additional information

Other information: No supplementary information available.

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

2-propanol (67-63-0)

Subject to reporting requirements of United States SARA Section 313

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labelling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

SECTION 16: Other information

Training advice: Normal use of this product shall imply use in accordance with the instructions on the packaging.

Full text of H-phrases:

| H225 | Highly flammable liquid and vapour |
| H319 | Causes serious eye irritation |
| H336 | May cause drowsiness or dizziness |

NFPA health hazard: 1 - Materials that, under emergency conditions, can cause significant irritation.

NFPA fire hazard: 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA reactivity: 0 - Material that in themselves are normally stable, even under fire conditions.

Prepared by: Technical Department

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material.