SECTION 1: Product and company identification

Product name: Trident Ultra Protect
Use of the substance/mixture: Water treatment
Product code: 194201
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

Classification (GHS-US)
Met. Corr. 1  H290
Skin Corr. 1A  H314
Carc. 2  H351
Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling
Hazard pictograms (GHS-US):
   GHS05
   GHS08

Signal word (GHS-US): Danger
Hazard statements (GHS-US):
May be corrosive to metals
Causes severe skin burns and eye damage
Suspected of causing cancer
Precautionary statements (GHS-US):
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Keep only in original container
Do not breathe mist, spray
Wash thoroughly after handling
Wear eye protection, protective clothing, protective gloves
If swallowed: rinse mouth. Do NOT induce vomiting
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
If inhaled: Remove person to fresh air and keep comfortable for breathing
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If exposed or concerned: Get medical advice/attention
Immediately call a doctor, a POISON CENTER
Specific treatment (see First aid measures on this label)
Wash contaminated clothing before reuse
Absorb spillage to prevent material damage
Store locked up
Store in corrosive resistant container with a resistant inner liner
Dispose of contents/container to comply with local/regional/national/international regulations.

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. Substance
Not applicable
Full text of H-phrases: see section 16

3.2. Mixture
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 victim to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Take victim to a doctor if irritation persists.

First-aid measures after eye contact: Rinse immediately with plenty of water for 15 minutes. Take victim to an ophthalmologist.

First-aid measures after ingestion: Immediately call a poison center or doctor/physician. Rinse mouth. Do NOT induce vomiting. Drink plenty of water.

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

Symptoms/injuries: Causes severe skin burns and eye damage. Suspected of causing cancer.

Symptoms/injuries after inhalation: May cause respiratory irritation.

Symptoms/injuries after skin contact: Caustic burns/corrosion of the skin.

Symptoms/injuries after eye contact: Causes serious eye irritation. Corrosion of the eye tissue. Permanent eye damage.

Symptoms/injuries after ingestion: Gastrointestinal complaints.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: All extinguishing media allowed.

5.2. Special hazards arising from the substance or mixture

Reactivity: Upon combustion: CO and CO2 are formed.

5.3. Advice for firefighters

Firefighting instructions: Exercise caution when fighting any chemical fire. Use water moderately and if possible collect or contain it. Use water spray or fog for cooling exposed containers.

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: Keep upwind.

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 soil and water pollution.

6.3. Methods and material for containment and cleaning up

For containment: Contain released substance, 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: Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

Hygiene measures: Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.
7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container closed when not in use. Store in original container.
Incompatible products: strong acids.
Storage area: Keep only in the original container. Store in a dry area. Store in a cool area.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Potassium Hydroxide (1310-58-3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
Appearance: Yellow liquid.
Odor: Mild odor
Odor threshold: No data available
pH: 12.5 - 13.5
Melting point: No data available
Freezing point: No data available
Boiling point: No data available
Flash point: > 212 °F
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: 1.05 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
VOC content: < 0.1 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Upon combustion: CO and CO₂ are formed.

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available
10.4. Conditions to avoid
No additional information available

10.5. Incompatible materials
May be corrosive to metals, strong acids. Metals.

10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Potassium Hydroxide (1310-58-3)

LD50 oral rat : 273 mg/kg (Rat)
ATE CLP (oral) : 273.000 mg/kg body weight

Skin corrosion/irritation : Causes severe skin burns and eye damage.
   pH: 12.5 - 13.5

Serious eye damage/irritation : Not classified
   pH: 12.5 - 13.5

Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Suspected of causing cancer.
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/injuries after inhalation : May cause respiratory irritation.
Symptoms/injuries after skin contact : Caustic burns/corrosion of the skin.
Symptoms/injuries after eye contact : Causes serious eye irritation. Corrosion of the eye tissue. Permanent eye damage.
Symptoms/injuries after ingestion : Gastrointestinal complaints.

SECTION 12: Ecological information

12.1. Toxicity

Potassium Hydroxide (1310-58-3)

LC50 fish 1 : 28.6 mg/l (24 h; Pisces; Pure substance)
LC50 other aquatic organisms 1 : 100 - 1000 mg/l (96 h)
LC50 fish 2 : 80 mg/l (96 h; Gambusia affinis; Pure substance)
Threshold limit other aquatic organisms 1 : 100 - 1000,96 h

12.2. Persistence and degradability

Potassium Hydroxide (1310-58-3)

Persistence and degradability : Biodegradability: not applicable. No (test)data on mobility of the components available.
Biological oxygen demand (BOD) : Not applicable
Chemical oxygen demand (COD) : Not applicable
ThOD : Not applicable
BOD (% of ThOD) : Not applicable

12.3. Bioaccumulative potential

Potassium Hydroxide (1310-58-3)

Bioaccumulative potential : Not bioaccumulative.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
**SECTION 14: Transport information**

**Department of Transportation (DOT)**

- **Transport document description**: UN3266 Corrosive liquid, basic, inorganic, n.o.s. (Potassium Hydroxide), 8, II
- **UN-No.(DOT)**: UN3266
- **Proper Shipping Name (DOT)**: Corrosive liquid, basic, inorganic, n.o.s.
- **Transport hazard class(es) (DOT)**: 8 - Class 8 - Corrosive material 49 CFR 173.136
- **Hazard labels (DOT)**: 8 - Corrosive

- **Packing group (DOT)**: II - Medium Danger
- **DOT Packaging Non Bulk (49 CFR 173.xxx)**: 202
- **DOT Packaging Bulk (49 CFR 173.xxx)**: 242
- **DOT Symbols**: G - Identifies PSN requiring a technical name
- **DOT Special Provisions (49 CFR 172.102)**: B2,IB2,T11,TP2,TP27
- **DOT Packaging Exceptions (49 CFR 173.xxx)**: 154
- **DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)**: 1 L
- **DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)**: 30 L
- **DOT Vessel Stowage Location**: B
- **DOT Vessel Stowage Other**: 40 - Stow “clear of living quarters”,52 - Stow “separated from” acids

**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.

Potassium Hydroxide (1310-58-3)

- Not listed on SARA Section 313 (Specific toxic chemical listings)
- RQ (Reportable quantity, section 304 of EPA’s List of Lists) 1000 lb

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

**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**

- **Acute Tox. 3 (Oral)**: Acute toxicity (oral) Category 3
- **Carc. 2**: Carcinogenicity Category 2
- **Eye Dam. 1**: Serious eye damage/eye irritation Category 1

Date of issue: 8/14/2015
Revision date: 05/21/2015
Version: 1.0
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Trident Ultra Protect
Safety Data Sheet

<table>
<thead>
<tr>
<th>Met. Corr.</th>
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<tbody>
<tr>
<td>Skin Corr.</td>
<td>Skin corrosion/irritation Category 1A</td>
</tr>
<tr>
<td>H290</td>
<td>May be corrosive to metals</td>
</tr>
<tr>
<td>H301</td>
<td>Toxic if swallowed</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H351</td>
<td>Suspected of causing cancer</td>
</tr>
</tbody>
</table>

NFPA health hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard : 1 - Must be preheated before ignition can occur.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

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.