Safety Data Sheet

SECTION 1: Identification

1.1 Product identifier
Product name
Strike Three One-Step RTU Hydrogen Peroxide Disinfectant
Product number
331
Brand
Crown Chemical, Inc.

1.2 Other means of identification
Strike Three One-Step RTU Hydrogen Peroxide Disinfectant

1.3 Recommended use of the chemical and restrictions on use
Disinfectant for hard, non-porous surfaces

1.4 Supplier’s details
Name
Crown Chemical, Inc.
Address
4701 W. 136th. St.
Crestwood, Illinois 60418
U.S.A.
Telephone
708-371-6990
Fax
708-371-6992
email
info@crown-chem.com

1.5 Emergency phone number(s)
800-535-5053

SECTION 2: Hazard identification

General hazard statement
Not a hazardous substance or mixture.

2.1 Classification of the substance or mixture
GHS classification in accordance with: OSHA (29 CFR 1910.1200)
Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements
Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification
Not a hazardous substance or mixture.

Statement regarding ingredients of unknown toxicity
Not a hazardous substance or mixture.

SECTION 3: Composition/information on ingredients

3.2 Mixtures
Contains No Hazardous Ingredients
Components

1. Methanesulfonic acid
Concentration 1 – 5.0% (By Weight)
EC no. 200-898-6
CAS no. 75-75-2
Index no. 607-145-00-4

2. Hydrogen peroxide
Concentration 1 – 5.0% (By Weight)
EC no. 231-765-0
CAS no. 7722-84-1
Index no. 008-003-00-9

3. Phosphoric acid
Concentration 0.5 – 5.0% (By Weight)
EC no. 231-633-2
CAS no. 7664-38-2
Index no. 015-011-00-6

Trade secret statement (OSHA 1910.1200(i))
The specific chemical identities and/or actual concentrations for one or more components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

If inhaled Remove person to fresh air and keep comfortable for breathing. Call a Poison Control Center or doctor for treatment advice.

In case of skin contact Wash with plenty of water. Take off contaminated clothing and wash before reuse. Call a Poison Control Center or doctor for treatment advice if irritation persists.

In case of eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Control Center or doctor for treatment advice.

If swallowed Rinse out mouth. Do NOT induce vomiting. Call a Poison Control Center or doctor if you feel unwell.

4.2 Most important symptoms/effects, acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

4.3 Indication of immediate medical attention and special treatment needed, if necessary
Treat exposure symptomatically. In all cases where large quantities have been ingested or inhaled, contact a doctor or Poison Control Center immediately.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
Use water spray, fog or foam.

5.2 Specific hazards arising from the chemical
Heating or fire can release toxic gas.
5.3 Special protective actions for fire-fighters
Wear self-contained breathing apparatus for firefighting if necessary.

Further information
Remove all persons from the vicinity. No responsive action should be taken without proper training.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Initiate spill containment procedures immediately using containment or absorption methods. Keep people away from area. Put on appropriate protective equipment (see Section 8).

6.2 Environmental precautions
Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up
Do not allow spilled material to enter sewers, waterways or soil. Neutralize with water. Mop, sweep or otherwise collect spilled material and hold for disposal. Consult local government authorities for allowable disposal methods. After removal, rinse area completely with water to remove residue.

Reference to other sections
For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
No special precautions required

7.2 Conditions for safe storage, including any incompatibilities
Keep out of reach of children. Keep containers tightly closed when not in use. Store in a well-ventilated area between 60-100°F (15-38°C). Avoid ignition sources. To maintain product quality, do not store in heat or direct sunlight.

Specific end use(s)
Apart from the uses mentioned in section 1, no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Hydrogen peroxide (CAS: 7722-84-1)
PEL (Inhalation): 1.4 mg/m³; USA (OSHA)
OSHA Annotated Table Z-1, www.osha.gov
PEL (Inhalation): 1 ppm; USA (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov
REL (Inhalation): 1 ppm; USA (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov
TLV® (Inhalation): 1 ppm; USA (ACGIH)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 1 mg/m³; USA (OSHA)
OSHA Annotated Table Z-1, www.osha.gov
PEL (Inhalation): 1 mg/m³, (ST) 3 mg/m³; USA (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov
REL (Inhalation): 1 mg/m³, (ST) 3 mg/m³; USA (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov
8.2 **Appropriate engineering controls**
Handle in accordance with good industrial hygiene and safety practice.

8.3 **Individual protection measures, such as personal protective equipment (PPE)**

**Eye/face protection**
Not normally required. Wear safety glasses if necessary to prevent contact with product.

**Skin protection**
Not normally required. Wear latex gloves and other skin protection if necessary to prevent contact with product.

**Body protection**
Not normally required. Wear additional body protection if necessary to prevent contact with product.

**Respiratory protection**
No personal respiratory protective equipment normally required.

**Thermal hazards**
No data available.

**Environmental exposure controls**
Do not let product enter drains.

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### SECTION 9: Physical and chemical properties

**Information on basic physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance/form (physical state, color, etc.)</td>
<td>Colorless Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Citrus</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>&lt;3.0 (1% solution)</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt;212°F</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper/lower flammability limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper/lower explosive limits</td>
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</tr>
<tr>
<td>Vapor pressure</td>
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</tr>
<tr>
<td>Vapor density</td>
<td>&lt;1.0</td>
</tr>
<tr>
<td>Relative density</td>
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</tr>
<tr>
<td>Solubility(ies)</td>
<td>100% in 120°F Water</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
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</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
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<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
</tbody>
</table>

**Other safety information**
No data available
SECTION 10: Stability and reactivity

10.1 Reactivity
Product is generally non-reactive. As a precaution, NEVER mix this product with other chemicals.

10.2 Chemical stability
Stable under normal storage conditions.

10.3 Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid
None known

10.5 Incompatible materials
Strong acids and strong bases. Chlorine, ammonia, strong oxidizing agents

10.6 Hazardous decomposition products
None are expected under normal storage and usage conditions.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
Acute oral Toxicity - LD50 (Rat, female): >5,000 mg/kg
Acute inhalation toxicity - Acute toxicity estimate: >40mg/l, Exposure time: 4h, Test atmosphere: vapor, Method: Calculation method.
Acute dermal toxicity - LD50 (Rat) >5,000 mg/kg

Skin corrosion/irritation
Not expected from normal use. Discontinue use if you experience any skin irritation and seek medical advice if condition persists

Serious eye damage/irritation
Not expected from normal use. Discontinue use if you experience any eye irritation.

Respiratory or skin sensitization
Not expected from normal use. Discontinue use if you experience any irritation or sensitization.

Germ cell mutagenicity
No data available on product

Carcinogenicity
This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity
No data available on product

STOT-single exposure
No data available on product
STOT-repeated exposure
No data available on product

Aspiration hazard
No data available on product

SECTION 12: Ecological information

Toxicity
No data available on product

Persistence and degradability
No data available on product

Bioaccumulative potential
No data available on product

Mobility in soil
No data available on product

Results of PBT and vPvB assessment
No data available on product

SECTION 13: Disposal considerations

Disposal of the product
Avoid disposal of this product. Use complete contents according to directions. Do not release contents into a municipal sewer except through normal dilution and usage. Do not release contents onto the ground or into any body of water. Dispose of empty container by offering for recycling if available, or into a landfill. Follow all applicable state and local regulations.

Disposal of contaminated packaging
Dispose of as unused product.

SECTION 14: Transport information

DOT (US)
Non-regulated

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

New Jersey Right To Know Components
Alkane Sulfonic Acid, CAS number: 75-75-2
Hydrogen peroxide, CAS number: 7722-84-1
Phosphoric acid, CAS number: 7664-38-2

Pennsylvania Right To Know Components
Hydrogen peroxide, CAS number: 7722-84-1
Phosphoric acid, CAS number: 7664-38-2

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 302 Components
The following components are subject to reporting levels established by SARA Title III, Section 302:
Hydrogen peroxide, CAS-Number: 7722-84-1

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards
Reactivity Hazard, Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components
Hydrogen peroxide, CAS number: 7722-84-1
Phosphoric acid, CAS number: 7664-38-2

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other information

The information herein is believed to be correct, but is given without warranty or guaranty of any kind, express or implied. The hazards provided in this Safety Data Sheet apply to the product in its concentrated form, and may differ significantly after dilution.

16.1 Further information/disclaimer
DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Crown Chemical, Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Crown Chemical, Inc. has been advised of the possibility of such damages.