

## Safety Data Sheet

### SECTION 1: Identification

#### 1.1 Product identifier

Product name	<b>Strike Three One-Step RTU Hydrogen Peroxide Disinfectant</b>
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

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### 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.

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### 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/m<sup>3</sup>; USA (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 1 ppm; USA (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): 1 ppm; USA (NIOSH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

TLV® (Inhalation): 1 ppm; USA (ACGIH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

#### 2. Phosphoric acid (CAS: 7664-38-2 EC: 231-633-2)

PEL (Inhalation): 1 mg/m<sup>3</sup>; USA (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 1 mg/m<sup>3</sup>, (ST) 3 mg/m<sup>3</sup>; USA (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): 1 mg/m<sup>3</sup>, (ST) 3 mg/m<sup>3</sup>; USA (NIOSH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

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TLV® (Inhalation): 1 mg/m<sup>3</sup>, (ST) 3 mg/m<sup>3</sup>; USA (ACGIH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://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.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

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

### Other safety information

No data available

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### 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

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### 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.

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### 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.