

# Safety Data Sheet

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Version 1

## 1. IDENTIFICATION

### Product Identifier

Product Name KitchenOx

### Other means of identification

SDS # KO10062020

### Recommended use of the chemical and restrictions on use

Recommended Use Cleaner & Stain Remover.

### Details of the supplier of the safety data sheet

#### Manufacturer Address

Greenflow Distribution Inc.  
1038 Legrand Blvd  
Charleston, SC 29492

#### Emergency Telephone Number

Company Phone Number (866) 308-2734  
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

Appearance Clear colorless liquid

Physical State Liquid

Odor Odorless

### Classification

|                                   |            |
|-----------------------------------|------------|
| Skin corrosion/irritation         | Category 1 |
| Serious eye damage/eye irritation | Category 1 |

### Signal Word

Danger

### Hazard Statements

Causes severe skin burns and eye damage



### Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray  
Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection

### Precautionary Statements - Response

Immediately call a poison center or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a poison center or doctor/physician  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
Wash contaminated clothing before reuse  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Immediately call a poison center or doctor/physician  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

None know

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name          | CAS No    | Weight-% |
|------------------------|-----------|----------|
| Hydrogen Peroxide      | 7722-84-1 | <8       |
| Proprietary Surfactant |           | 1-5%     |
| Proprietary Surfactant |           | 1-5%     |
| Proprietary            |           | 1-5%     |
| Water                  |           | Balance  |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret. \*\*

**4. FIRST-AID MEASURES****First Aid Measures**

|                       |   |
|-----------------------|---|
| <b>General Advice</b> | Provide this SDS to medical personnel for treatment.  |
| <b>Eye Contact</b>    | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.                    |
| <b>Skin Contact</b>   | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center or doctor/physician. Wash contaminated clothing before reuse. |
| <b>Inhalation</b>     | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.  |
| <b>Ingestion</b>      | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  |

**Most important symptoms and effects**

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | Causes severe skin burns and eye damage. |
|-----------------|--|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

### Specific Hazards Arising from the Chemical

Not determined.

**Hazardous Combustion Products** Oxygen.

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Use personal protection recommended in Section 8. Keep unprotected persons away.

**Environmental Precautions** See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Dilute with a large volume of water and hold in a pond or diked area until hydrogen peroxide decomposes. Dispose of contents/container to an approved waste disposal plant.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Do not store near combustible materials. Protect from sunlight. Store locked up.

**Incompatible Materials** Oxidizing agents. Reducing agents. Caustics. Heavy metals.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

| Chemical Name                  | ACGIH TLV  | OSHA PEL   | NIOSH IDLH   |
|--------------------------------|------------|--|--|
| Hydrogen Peroxide<br>7722-84-1 | TWA: 1 ppm | TWA: 1 ppm<br>TWA: 1.4 mg/m <sup>3</sup><br>(vacated) TWA: 1 ppm<br>(vacated) TWA: 1.4 mg/m <sup>3</sup> | IDLH: 75 ppm<br>TWA: 1 ppm<br>TWA: 1.4 mg/m <sup>3</sup> |

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Use standard chemical splash-type mono goggles or face shield with safety glasses if splashing is expected during handling of product.

**Skin and Body Protection** Rubber or neoprene footwear. Impervious clothing or apron materials such as rubber, neoprene, nitrile or polyvinyl chloride. Wear liquid proof rubber or neoprene gloves. Thoroughly rinse the outside of gloves with water prior.

**Respiratory Protection** Not required under normal conditions of use. If concentrations in excess of 10ppm are expected, use NIOSH/DHHS approved self-contained breathing apparatus (SCBA), or other approved atmospheric-supplied respirator (ASR) equipment. DO NOT use any form of air-purifying respirator (APR) or filtering face-piece (AKA dust mask), especially those containing oxidizable sorbents such as activated carbon.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash face, hands and any exposed skin thoroughly after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

|                              |                        |                           |                |
|------------------------------|------------------------|---------------------------|----------------|
| <b>Physical State</b>        | Liquid                 | <b>Odor</b>               | Odorless       |
| <b>Appearance</b>            | Clear colorless liquid | <b>Odor Threshold</b>     | Not determined |
| <b>Color</b>                 | Colorless              |                           |                |
| <b>Property</b>              | <b>Values</b>          | <b>Remarks • Method</b>   |                |
| pH                           | 2.0 – 3.0              |                           |                |
| Melting Point/Freezing Point | -3 °C / 27 °F          |                           |                |
| Boiling Point/Boiling Range  | 101 °C / 214 °F        |                           |                |
| Flash Point                  | Not determined         |                           |                |
| Evaporation Rate             | >1                     | (butyl acetate = 1)       |                |
| Flammability (Solid, Gas)    | Liquid- Not Applicable |                           |                |
| Upper Flammability Limits    | Not determined         |                           |                |
| Lower Flammability Limit     | Not determined         |                           |                |
| Vapor Pressure               | 31 mmHg                | @30°C (86°F)              |                |
| Vapor Density                | Not determined         |                           |                |
| Specific Gravity             | 1.01                   | (Water = 1) @ 20°C (68°F) |                |
| Water Solubility             | 100%                   |                           |                |
| Solubility in other solvents | Not determined         |                           |                |
| Partition Coefficient        | Not determined         |                           |                |
| Auto-ignition Temperature    | Not determined         |                           |                |
| Decomposition Temperature    | Not determined         |                           |                |
| Kinematic Viscosity          | Not determined         |                           |                |
| Dynamic Viscosity            | Not determined         |                           |                |
| Explosive Properties         | Not determined         |                           |                |
| Oxidizing Properties         | Not determined         |                           |                |

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to Avoid**

Excessive heat. Contamination of any kind.

**Incompatible Materials**

Oxidizing agents. Reducing agents. Caustics. Heavy metals.

**Hazardous Decomposition Products**

Oxygen.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information****Eye Contact** Causes severe eye damage.**Skin Contact** Causes severe skin burns.**Inhalation** Avoid breathing vapors or mists.**Ingestion** Do not ingest.**Component Information**

| Chemical Name                  | Oral LD50         | Dermal LD50                                 | Inhalation LC50                |
|--------------------------------|-------------------|---|--------------------------------|
| Hydrogen Peroxide<br>7722-84-1 | = 801 mg/kg (Rat) | = 2000 mg/kg (Rabbit) = 4060<br>mg/kg (Rat) | = 2 g/m <sup>3</sup> (Rat) 4 h |
|                                |                   | -   | -                              |

**Information on physical, chemical and toxicological effects****Symptoms** Please see section 4 of this SDS for symptoms.**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

| Chemical Name                  | ACGIH | IARC    | NTP | OSHA |
|--------------------------------|-------|---------|-----|------|
| Hydrogen Peroxide<br>7722-84-1 | A3    | Group 3 |     |      |

**Legend***ACGIH (American Conference of Governmental Industrial Hygienists)**A3 - Animal Carcinogen**IARC (International Agency for Research on Cancer)**Group 3 IARC components are "not classifiable as human carcinogens"***Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Component Information**

| Chemical Name                  | Algae/aquatic plants                      | Fish   | Toxicity to microorganisms | Crustacea  |
|--------------------------------|---|--|----------------------------|--|
| Hydrogen Peroxide<br>7722-84-1 | 2.5: 72 h Chlorella vulgaris<br>mg/L EC50 | 18 - 56: 96 h Lepomis<br>macrochirus mg/L LC50<br>static 10.0 - 32.0: 96 h<br>Oncorhynchus mykiss mg/L<br>LC50 static 16.4: 96 h<br>Pimephales promelas mg/L<br>LC50 |                            | 18 - 32: 48 h Daphnia magna<br>mg/L EC50 Static 7.7: 24 h<br>Daphnia magna mg/L EC50 |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Status**

| Chemical Name                  | California Hazardous Waste Status           |
|--------------------------------|---|
| Hydrogen Peroxide<br>7722-84-1 | Toxic<br>Corrosive<br>Ignitable<br>Reactive |

**14. TRANSPORT INFORMATION****Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

Not determined

**IATA**

Not determined

**IMDG**

## 15. REGULATORY INFORMATION

### International Inventories

| Chemical Name     | TSCA    | DSL | NDSL | EINECS  | ELINCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|-------------------|---------|-----|------|---------|--------|---------|-------|---------|-------|------|
| Hydrogen Peroxide | Present | X   |      | Present |        | Present | X     | Present | X     | X    |

#### **Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

### US Federal Regulations

#### **CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name                  | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|--------------------------------|--------------------------|----------------|--------------------------|
| Hydrogen Peroxide<br>7722-84-1 |                          | 1000 lb        |                          |

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

| Chemical Name                  | New Jersey | Massachusetts | Pennsylvania |
|--------------------------------|------------|---------------|--------------|
| Hydrogen Peroxide<br>7722-84-1 | X          | X             | X            |

**16. OTHER INFORMATION**

|                    |                       |                     |                         |                            |
|--------------------|-----------------------|---------------------|-------------------------|----------------------------|
| <b><u>NFPA</u></b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Instability</b>      | <b>Special Hazards</b>     |
|                    | 1                     | 0                   | 0                       | Not determined             |
| <b><u>HMIS</u></b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Physical Hazards</b> | <b>Personal Protection</b> |
|                    | 1                     | 0                   | 0                       | H                          |

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**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**