

Safety Data Sheet

Issue Date 03-Oct-2012

Revision Date: 04-Sep-2019

Version 1.0

1. IDENTIFICATION

Product Identifier

Product Name Oxisafe All Fabric Laundry Bleach

Other Means of Identification

Product Code G00105 / G00106

Recommended use of the Chemical and Restrictions on Use

Recommended Use Concentrated all fabric bleach. For industrial use.

Details of the Supplier of the Safety Data Sheet

Victoria Bay Products
255 Route 1 & 9
Jersey City, NJ 07306

Emergency Telephone Number

Company Phone Number Phone: 1-800-226-3233
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Colorless

Physical State Liquid

Odor None

Classification

| | |
|-----------------------------------|------------|
| Skin corrosion/irritation | Category 1 |
| Serious eye damage/eye irritation | Category 1 |
| Oxidizing liquid | Category 2 |
| Aquatic toxicity - acute | Category 3 |

Signal Word

Danger

Hazard Statements

Causes severe skin burns and eye damage.
May intensify fire; oxidizer.
Harmful to aquatic life.



Precautionary Statements - Prevention

Avoid breathing mist or spray.
Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
Keep away from heat.
Keep/Store away from clothing/combustible and flammable materials.
Take any precautions to avoid mixing with combustibles.
Avoid release to the environment.

Precautionary Statements - Response

IF SWALLOWED: Rinse mouth do NOT induce vomiting. 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 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.
SPECIFIC TREATMENT: Remove from exposure and treat symptoms.
IN CASE OF FIRE: Use water for extinction.

Precautionary Statements - Storage

Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

Unknown Acute Toxicity

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|-------------------|-----------|----------|
| Water | 7732-18-5 | 60-100 |
| Hydrogen Peroxide | 7722-84-1 | 10-30 |

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**

| | |
|---------------------|---|
| Eye Contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove and discard contact lenses. Seek immediate medical attention/advice. |
| Skin Contact | May cause burns on extended contact. Immediately flush skin with running water for 15 minutes. Seek medical attention/advice. |
| Inhalation | Accidental inhalation is not likely. Inhalation of concentrated vapors of this product may cause irritation or burns. If breathing becomes difficult, remove to fresh air. If discomfort persists, get medical attention. |
| Ingestion | Harmful if swallowed. Immediately drink large amounts of water and seek medical attention. Do NOT induce vomiting. |

Most Important Symptoms and Effects

| | |
|-----------------|-------------------------------------|
| Symptoms | Contact with eyes may cause damage. |
|-----------------|-------------------------------------|

Indication of Any Immediate Medical Attention and Special Treatment Needed

| | |
|---------------------------|------------------------|
| Notes to Physician | Treat symptomatically. |
|---------------------------|------------------------|

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**Water spray (fog). Carbon dioxide (CO₂). Dry chemical. Foam.**Unsuitable Extinguishing Media**

Not determined.

Specific Hazards Arising from the Chemical

This product contains hydrogen peroxide which could accelerate burning when involved in a fire.

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 protective equipment as required.

Environmental Precautions Avoid release to the environment.

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 Collect spillage. Collect in a clean, dry waste container for disposal. Dilute remaining residue with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Wash thoroughly after handling. Use personal protection recommended in Section 8. Do not breathe dust/fume/gas/mist/vapors/spray.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep locked up and out of reach of children. Keep only in original container. Keep from freezing.

Incompatible Materials Strong acids, strong bases, metals, salts, organics, reducing agents, dust and dirt.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|-------------------------------|-----------|-----------------------|------------|
| Hydrogen Peroxide 772-84-1 | TWA: 1ppm | 1.4 mg/m ³ | |

Appropriate Engineering Controls

Engineering Controls Ventilation systems. Eyewash stations. Showers.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Splash goggles or safety glasses.

Skin and Body Protection Rubber, Nitrile, PVC, or other chemically resistant skin protection to prevent contact.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

| | | | |
|-----------------------|-----------|-----------------------|----------------|
| Physical State | Liquid | Odor | None |
| Appearance | Clear | Odor Threshold | Not determined |
| Color | Colorless | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|-------------------------------------|----------------------|--------------------------------|
| pH | 5.0-5.5 | |
| Melting Point/Freezing Point | Approximately 32°F | |
| Boiling Point/Boiling Range | Approximately 212 °F | |
| Flash Point | Not applicable | |
| Evaporation Rate | Not determined | |
| Flammability (Solid, Gas) | Oxidizer | |

| | | |
|------------------------------|--------------------|-----------------|
| Upper Flammability Limits | Not determined | |
| Lower Flammability Limit | Not determined | |
| Vapor Pressure | Not determined | |
| Vapor Density | Not determined | |
| Specific Gravity | 1.07 | |
| Water Solubility | Completely soluble | @ 25 °C (77 °F) |
| 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.

Conditions to Avoid

Keep out of reach of children. Keep from freezing.

Incompatible Materials

Strong acids, strong bases, metals, salts, organics, reducing agents, dust and dirt.

Hazardous Decomposition Products

Thermal decomposition results in oxygen gas, steam and heat.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

| | |
|--------------|----------------------------------|
| Eye Contact | Causes eye damage. |
| Skin Contact | May cause skin burns. |
| Inhalation | Avoid breathing vapors or mists. |
| Ingestion | Do not taste or swallow. |

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--------------------------------|--------------|--------------|------------------------|
| Hydrogen Peroxide 7722-84-1 | = 1193 mg/kg | = 2000 mg/kg | = 1434 ppm (Rat) (4hr) |

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 Not classifiable as a human carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---------------|-------|------|-----|------|
| | | | | |

| | | | | |
|--------------------------------|---------|----|--|--|
| Hydrogen Peroxide 7722-84-1 | Group 3 | A3 | | |
|--------------------------------|---------|----|--|--|

Legend**ACGIH (American Conference of Governmental Industrial Hygienists)**

Group 3 components are "not classifiable as human carcinogens"

IARC (International Agency for Research on Cancer)

A3 components are "confirmed animal carcinogen with unknown relevance to humans"

Numerical Measures of Toxicity

Not determined.

Unknown Acute Toxicity

None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|--------------------------------|----------------------|------------------------------------|----------------------------|-------------------------|
| Hydrogen Peroxide 7722-84-1 | - | 16.4 mg/L (fathead minnow 96hr) | - | 2.4 mg/L (Daphnia 48hr) |

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.

14. TRANSPORT INFORMATION

Note

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

DOT

UN 2984, Hydrogen Peroxide, Aqueous Solution (with 17.5% Hydrogen Peroxide), 5.1, PG III (Oxidizer)

IATA**IMDG**

15. REGULATORY INFORMATION

International Inventories

Not determined

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*

US Federal Regulations

CERCLA

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|--------------------------------|--------------------------|----------------|---|
| Hydrogen Peroxide 7722-84-1 | 1000 lb | 1000 lb | RQ 1000 lb final RQ RQ 454.0 kg final RQ |

SARA 311/312 Hazard Categories

Acute Health Hazard Yes
 Chronic Health Hazard Yes
 Reactive Hazard Yes

SARA 313

None known.

CWA (Clean Water Act)

None known.

US State Regulations

None known.

U.S. State Right-to-Know Regulations

| Chemical Name | State Lists |
|--------------------------------|-------------|
| Hydrogen Peroxide 7722-84-1 | NJ, MA, PA |

- AZ- Arizona Ambient Air Quality Guidelines
- CT- Connecticut Hazardous Air Pollutants
- CA- California Director's List of Hazardous Substances
- CAP65- California Prop65
- FL- Florida Substances List
- ID- Idaho Non-Carcinogen Toxic Air Pollutants

- IL- Illinois Toxic Air Contaminant- Carcinogenic
- MA- Massachusetts Right to Know List
- MN- Minnesota Hazardous Substances List
- NJ- New Jersey Right to Know List
- PA- Pennsylvania Right to Know List
- RI- Rhode Island Hazardous Substances List

16. OTHER INFORMATION

| | | | | |
|--------------------|---|---------------------------------------|--------------------------------------|--|
| <u>NFPA</u> | Health Hazards Not determined | Flammability Not determined | Instability Not determined | Special Hazards Not determined |
| <u>HMS</u> | Health Hazards 3 | Flammability 0 | Physical Hazards 2 | Personal Protection Not determined |

Issue Date 03-Oct-2011
Revision Date: 26-Feb-2014
Revision Note New format Version 1.0

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.

Keep Out of Reach of Children. For Industrial and Institutional Use Only.

*Denotes changes from last version.

End of Safety Data Sheet