Safety Data Sheet

Issue Date 20-Mar-2017 **Revision/Review Date:** 13-Jul-2022 **Version** 1.3

1. IDENTIFICATION

Product Identifier

Product Name Peroxide Disinfectant Cleaner Victoria Bay

Other Means of Identification

Product Code D02030/ D02031/ D20351/ D20377/ S00120

Recommended use of the Chemical and Restrictions on Use

Recommended Use Peroxide disinfectant. For industrial & institutional use.

Recommended Use
Product AT USE DILUTION: 2oz/gal (1:64) to 8 oz/gal (1:16)

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

Serious eye damage/eye irritation	Category 2B

Signal Word
Warning

Hazard Statements
Causes eye irritation.

Precautionary Statements – Prevention
Keep out of reach of children
Wash hands thoroughly after handling.

Precautionary Statements - Response
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice / attention.
IF ON SKIN: Rinse skin with water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
SPECIFIC TREATMENT: Remove from exposure and treat symptoms.

Precautionary Statements - Storage
No other specific measures identified.

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant.

Unknown Acute Toxicity
None known.

***Product AT USE DILUTION**
GHS Classification: Not classified.
Signal Word: No signal word.
Hazard Statements: No known significant effects or critical hazards.
Prevention: Wash thoroughly after handling.
Response: Get medical attention if symptoms appear.
Disposal: No other specific measures identified.
Other Hazards: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Propylene Glycol Propyl Ether	1569-01-3	7-13
Benzenesulfonic Acid, C10-16-Alkyl Derivs.	68584-22-5	5-10
Alcohols, C6-C12, ethoxylated	68439-45-2	1-5
Hydrogen Peroxide	7722-84-1	1-5
Phosphoric Acid	7664-38-2	1-5

**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. **

***Product AT USE DILUTION**

No hazardous ingredients in reportable quantities are present in the product.

*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. If irritation occurs and persists, get medical attention/advice.

Skin Contact Immediately flush skin with running water for 15 minutes. If irritation persists, get medical attention.

Inhalation No special measures are required. Treat symptomatically.

Ingestion Rinse mouth and drink large amounts of water. Do NOT induce vomiting. Get medical attention/advice, if you feel unwell.

Most Important Symptoms and Effects

Symptoms No information available.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to Physician Treat symptomatically.

***Product AT USE DILUTION**

Eye Contact: Rinse with water for a few minutes.
Skin Contact: No specific measures required.
Inhalation: No special measures required with normal use. Treat symptomatically.
Ingestion: Rinse mouth with water. Consult physician if symptoms occur.

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	Personal protective equipment is recommended for accidental releases.
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.

***Product AT USE DILUTION**

Personal Precautions: Personal protective equipment is recommended for accidental releases.
Environmental Precautions: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.
Methods for Clean Up: Use a water rinse for a final clean-up.

*7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling	Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet after handling product. Mix only with water.

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, chlorinated products, organics, reducing agents, dust, and dirt.

***Product AT USE DILUTION**

Handling and Storage: Wash thoroughly after handling. Keep out of reach of children.

*8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrogen Peroxide 7722-84-1	TWA: 1ppm	1.4 mg/m^3	
Phosphoric Acid 7664-38-2	STEL: 3 mg/m^3 TWA: 1 mg/m^3	TWA: 1 mg/m^3 (vacated) TWA: 1 mg/m^3 (vacated) STEL: 3 mg/m^3	IDLH: 1000 mg/m^3 TWA: 1 mg/m^3 STEL: 3 mg/m^3

Appropriate Engineering Controls

Engineering Controls	Eyewash bottle / station.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection	Safety glasses are not normally required. However, their use is recommended in cases where handling undiluted product involves a risk of splashing.
Skin and Body Protection	No personal protective equipment required under normal use conditions. If prolonged or repeated contact with hands may occur, wear chemical resistant gloves.
Respiratory Protection	No personal protective equipment required under normal use conditions. Ensure adequate ventilation in confined areas.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

***Product AT USE DILUTION**

Engineering Controls: Good general room ventilation should be adequate.
Eye Protection: No personal protective equipment required under normal use conditions.
Skin and Body Protection: No personal protective equipment is needed under normal use conditions.
Respiratory Protection: No personal protective equipment is needed under normal use conditions.
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		
Appearance	Clear	**Odor**	None
Color	Colorless	**Odor Threshold**	Not determined

Property	**Values**	**Remarks • Method**
pH	<1.0	
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)	n/a-liquid	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	1.04	
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	

***Product AT USE DILUTION**

Physical State: Liquid
Color: Colorless
Odor: None
pH: 2.0 – 3.5

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, chlorinated products, organics, reducing agents, dust, and dirt.

Hazardous Decomposition Products
Oxygen gas, carbon dioxide, carbon monoxide, hydrocarbons, or organic compounds may be formed during thermal decomposition.

*11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure
Product Information

Eye Contact Causes eye irritation.

Skin Contact May be mildly irritating to skin.

Inhalation No information available.

Ingestion May be harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Propylene Glycol Propyl Ether 1569-01-3	= 2504 mg/kg (Rat)	= 3350 mg/kg (Rabbit)	-
Benzenesulfonic Acid, C10-16-Alkyl Derivs. 68584-22-5	= 1450 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Alcohols, C6-C12, ethoxylated 68439-45-2	= 5100 mg/kg (Rat)	= 1500 mg/kg (Rabbit)	> 3.2 mg/L (Rat) Acute 1 hour
Hydrogen Peroxide 7722-84-1	= 1193 mg/kg	= 2000 mg/kg	-
Phosphoric Acid 7664-38-2	= 1530 mg/kg (Rat)	= 2730 mg/kg (Rabbit)	> 850 mg/m^3 (Rat) 1 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 Not classifiable as a human carcinogen.

Numerical Measures of Toxicity
Not determined.

Unknown Acute Toxicity
None known.

*Product AT USE DILUTION		
Chemical Name	**Oral LD50**	**Dermal LD50**
Victoria Bay Peroxide Disinfectant Cleaner (at use Dilution)	>5000 mg/kg (calculated)	>5000 mg/kg (calculated)

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
Benzenesulfonic Acid, C10-16-Alkyl Derivs. 68584-22-5	= 47.3 mg/L (72hr) Algae	= 1.67 mg/L (96hr)	-	= 2.4 mg/L (48hr) Daphnia
Alcohols, C6-C12, ethoxylated 68439-45-2	-	-	-	= 9.2mg/L (48hr) Daphnia magna
Hydrogen Peroxide 7722-84-1	-	16.4 mg/L (fathead minnow 96hr)	-	2.4 mg/L (Daphnia 48hr)
Phosphoric Acid 7664-38-2	-	3 - 3.5: 96 h Gambusia affinis mg/L LC50	-	4.6: 12 h 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
Phosphoric Acid 7664-38-2	Corrosive

14. TRANSPORT INFORMATION

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

DOT Not regulated. (NOI Non-Hazardous)

IATA

IMDG

***Product AT USE DILUTION**

Not intended for transport.

15. REGULATORY INFORMATION

International Inventories

Canada – Domestic Substances List (DSL)	All ingredients are listed or exempt.
TSCA (Toxic Substances Control Act)	All ingredients are listed or exempt.

Legend:

TSCA *- United States Toxic Substances Control Act Section 8(b) Inventory*
DSL/NDSL *- Canadian Domestic Substances List/Non-Domestic Substances List*

US Federal Regulations

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Benzenesulfonic Acid, C10-16-Alkyl Derivs. 68584-22-5	1000 lb.	1000 lb.	RQ 1000 lb. final RQ RQ 453 kg final RQ
Phosphoric Acid 7664-38-2	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

SARA 311/312 Hazard Categories

Immediate (Acute) Health, Delayed (Chronic) Health

SARA 313

None listed.

CWA (Clean Water Act)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Phosphoric Acid 7664-38-2	5000 lb			X

US State Regulations

None known.

U.S. State Right-to-Know Regulations

Chemical Name	State Lists
Hydrogen Peroxide 7722-84-1	NJ, MA, PA
Phosphoric Acid 7664-38-2	MA, NJ, 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 Contaminate- 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

FIFRA Label Information:

This chemical is a pesticide product registered by the United States Environmental Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use.

Caution
Harmful if swallowed. Causes moderate eye irritation.

This product may be harmful to fish and aquatic invertebrates.

*16. OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	Not determined	Not determined	Not determined	Not determined
HMIS	**Health Hazards**	**Flammability**	**Physical Hazards**	**Personal Protection**
	1	0	0	Not determined

***Product AT USE DILUTION**

Health Hazard: 0
Flammability: 0
Physical Hazards: 0
Personal Protection: Not determined

Issue Date	20-Mar-2017
Revision/Review Date:	13-Jul-2022
Revision Note	Version 1.3

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