



# Pristine®

## SAFETY DATA SHEET

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### SECTION 01 – IDENTIFICATION

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Product Identifier                      **Pristine® H<sub>2</sub>OK Water Cooler Cleaner**

Other Means of Identification      Not Available

Product Use and Restrictions  
on Use                                      Internal Surface Sanitizer

Initial Supplier Identifier              Pristine®  
JAB Distribution Inc.  
#113, 3950 191 St  
Surrey, BC V3Z 0Y6

Prepared By                                JAB Distribution Inc.  
#113, 3950 191 St  
Surrey, BC V3Z 0Y6  
1-888-626-0722Pristine®

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### SECTION 02 – HAZARD IDENTIFICATION

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GHS-Classification                      This product has been assessed in accordance with the Hazardous Products Regulations and is not classified as a hazardous substance or mixture.

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### SECTION 03 – COMPOSITION / INFORMATION ON INGREDIENTS

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Hazardous Ingredients                      The ingredients in this product are not classified as hazardous under the Hazardous Products Regulations.

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### SECTION 04 – FIRST AID MEASURES

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Inhalation                                      If symptoms are experienced, remove victim to fresh air. Seek medical attention if you feel unwell or concerned.

Skin Contact / Absorption	Rinse skin with lukewarm, gently flowing water for 30 minutes. If skin irritation occurs, seek medical attention. Completely decontaminate clothing, shoes, and leather goods before re-use or discard.
Eye Contact	Flush eye(s) with lukewarm, gently flowing water for 30 minutes, while forcibly holding the eyelid(s) open to ensure complete irrigation of the eye tissue. Remove contact lenses if present and easy to do so. If irritation persists, seek medical attention.
Ingestion	Rinse mouth. If you feel unwell or are concerned, seek medical attention.
Additional Information	Not available.

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## SECTION 05 – FIRE FIGHTING MEASURES

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Suitable Extinguishing Media	Use extinguishing agent suitable for surrounding fire. Use large quantities of water as a fog to fight fires in which this material is involved.
Unsuitable Extinguishing Media	Not available.
Specific Hazards Arising from the Chemical	Closed containers may rupture violently due to rapid decomposition if exposed to fire or excessive heat for a sufficient period of time, or if contaminated with certain metals or dirt. Oxygen gas may be released to form an oxygen-rich atmosphere. No part of the container should be exposed to temperatures greater than 49°C (120°F).
Special Protective Equipment for Firefighters	Wear NIOSH-approved self-contained breathing apparatus and protective clothing.
Further Information	Very weak oxidizing agents.

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## SECTION 06 – ACCIDENTAL RELEASE MEASURES

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Personal Precautions / Protective Equipment / Emergency Procedures	Wear appropriate personal protective equipment. Ventilate area. Only enter area with PPE. Stop or reduce leak if safe to do so. Flush with water to remove any residue.
Environmental Precautions	Prevent product from entering sewers, waterways, or confined spaces.

Methods and Materials for Containment and Cleaning Up	SMALL SPILLS: Flush area with water. LARGE SPILLS: Dike with earth, sand, or inert sorbent material to contain spill. Remove liquid with compatible pumps or vacuum equipment. Place in suitable, covered, labelled, vented containers. Flush area with excess water.
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## SECTION 07 – HANDLING & STORAGE

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Precautions for Safe Handling	Use proper equipment for lifting and transporting all containers. Use sensible industrial hygiene and housekeeping practices. Wash thoroughly after handling. Avoid all situations that could lead to harmful exposure.
Conditions for Safe Storage	Store in a cool area, out of direct sunlight, and away from heat sources. Store away from incompatible materials.
Incompatibilities	Reducing agents, including organic matter and oxidizable substances, alkalis, iodides, and other stronger oxidizing agents.

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## SECTION 08 – EXPOSURE CONTROLS & PERSONAL PROTECTION

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The following are recommendations only. It is the responsibility of the employer / user to conduct a hazardous assessment of the process in which this product being used and determine the proper engineering controls and the PPE for their process. Additional regulatory and safety information should be sought from local authorities and, if needed, a professional industrial hygienist.

### Exposure Limit(s)

There are no known exposure limits for this product.

### Engineering Control(s)

Ventilation Requirements	Mechanical ventilation (dilution or local exhaust), process or personnel enclosure and control of process conditions must be provided in accordance with all fire codes and regulatory requirements. Supply sufficient replacement air to make up for air removed by exhaust systems.
Other	No specific recommendations beyond the required hygiene facilities at the place of work.

**Protective Equipment**

Eyes / Face	Where there is potential eye or face exposure, tightly fitting chemical goggles are recommended. Contact lenses are not recommended; they may contribute to severe eye injury.
Skin and Body Protection	When handling this product, it is recommended that skin contact is avoided. No special footwear is required other than what is mandated at place of work.
Respiratory Protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal Hazards	Not available.

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**SECTION 09 – PHYSICAL & CHEMICAL PROPERTIES**


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**Appearance**

Physical State	Liquid
Colour	Clear, colourless
Odour	Odourless
Odour Threshold	Not applicable

**Property**

pH	3.3 (1% solution)
Melting Point / Freezing Point	Not available
Initial Boiling Point and Boiling Range	Not available
Flash Point	Not applicable
Evaporation Rate	Not available
Flammability	Non-flammable
Upper Flammable Limit	Not applicable

Lower Flammable Limit	Not applicable
Vapour Pressure (mm Hg, 20°C)	Not available
Vapour Density	1.17
Relative Density	Not available
Solubility(ies)	Soluble in water. Soluble in many polar solvents; insoluble in petroleum ether.
Partition Coefficient	Log P <sub>ow</sub> = -0.70-1.33; -1.57 (estimated) n-octanol/water
Auto-Ignition Temperature	Not applicable
Viscosity	~ 1 mPa•s
Explosive Properties	Not available
Specific Gravity (Water = 1)	1.02
% Volatiles by Volume	Not available
Formula	Mixture
Molecular Weight	Not available

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## SECTION 10 – STABILITY & REACTIVITY

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Reactivity	This product is a mild oxidizer and may react with reducing agents and organic compounds, such as paper or wood to product heat.
Stability	This product is stable if stored according to the recommendations in Section 07. Exposure to sunlight or high temperatures may cause the degradation of this product over time.
Possibility of Hazardous Reactions	None known.
Conditions to Avoid	Temperatures above 100°C, depletion of stabilizers, pH greater than 4.5.

Incompatible Materials	Reducing agents, including organic matter and oxidizable substances, alkalis, iodides, and other stronger oxidizing agents.
Hazardous Decomposition Products	Molecular oxygen.

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## SECTION 11 – TOXICOLOGICAL INFORMATION

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### Acute Toxicity Estimate

Component	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>	Inhalation LC <sub>50</sub>
Pristine® H <sub>2</sub> OK Water Cooler Cleaner	16 g/kg (rat, female)	>40 g/kg (rabbit)	Not available

This product has been classified in accordance with the Hazardous Products Regulations using ATE formula documented in the GHS standard.

Skin Corrosion / Irritation	Non-irritant. Whitening or bleaching of the skin has been observed.
Serious Eye Damage / Irritation	No known chronic effects.
Ingestion	Ingestion is unlikely to result in harmful effects, vomiting and nausea are expected when consumed in large quantities. With small quantities, minor mouth and esophagus irritation is expected. There are no known long term or delayed effects.
Inhalation	Not available for solutions of low concentration.
Respiratory or Skin Sensitization	Not known to be a skin or respiratory sensitizer.
Carcinogenicity	Not available.
Germ Cell Mutagenicity	Not available.
Reproductive Toxicity	Not known to be cause of reproductive toxicity.
STOT-Single Exposure	May cause respiratory tract irritation.
STOT-Repeated Exposure	Not available.

Aspiration Hazard                      Not available.

Synergistic Materials                      Not available.

## SECTION 12 – ECOLOGICAL INFORMATION

### Ecotoxicity

Component	Toxicity to Algae	Toxicity to Fish	Toxicity to Daphnia and Other Aquatic Invertebrates
Pristine® H <sub>2</sub> O <sub>K</sub> Water Cooler Cleaner	EC <sub>50</sub> 46 mg/l	LC <sub>50</sub> 546 mg/l	LC <sub>50</sub> 50 mg/l

Biodegradability                      Readily biodegradable.

Bioaccumulation                      Not expected.

Mobility                                      Water soluble.

Other Adverse Effects                      Not available.

## SECTION 13 – DISPOSAL CONSIDERATIONS

Waste from Residues / Unused Products                      Dispose in accordance with all federal, provincial, and/or local regulations, including the Canadian Environmental Protection Act.

Contaminated Packaging                      Dispose in accordance with all federal, provincial, and/or local regulations, including the Canadian Environmental Protection Act.

## SECTION 14 – TRANSPORT INFORMATION

UN Number                                      Not regulated.

UN Proper Shipping Name                      Not regulated.

Transport Hazard Class(es)	Not regulated.
Packaging Group	Not regulated.
Environmental Hazards	Not listed as a marine pollutant under Canadian TDG Regulations.
Special Precautions	Not available.
Transport in Bulk	Not available.

**TDG**

Other	Secure containers (full and/or empty) with suitable hold down devices during shipment and ensure all caps, valves, or closures are secured in the closed position.
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TDG PRODUCT CLASSIFICATION: This product has been classified on the preparation date specified at Section 14 of this SDS, for transportation in accordance with the requirements of Part 2 of the Transportation of Dangerous Goods Regulations. If applicable, testing and/or published test data regarding the classification of this product are listed in the references at Section 16 of this SDS.

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**SECTION 15 – REGULATORY INFORMATION**

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**NOTE:** THE PRODUCT LISTED ON THIS SDS HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CANADIAN CONTROLLED PRODUCTS REGULATIONS. THIS SDS CONTAINS ALL INFORMATION REQUIRED BY THOSE REGULATIONS.

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**SECTION 16 – OTHER INFORMATION**

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Date of Last Revision                      September 16<sup>th</sup>, 2020

**NOTE:** The responsibility to provide a safe workplace remains with the buyer / user. The buyer / user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this



material. It is the responsibility of the buyer / user to comply with all applicable laws and regulations regarding handling, using, reselling, and shipping of this product.

References:

1. CHEMINFO
2. eChemPortal
3. TOXNET
4. Transportation of Dangerous Goods Canada
5. HSDB
6. ECHA



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