

SAFETY DATA SHEET

1. Product and Company Identification

Product Name	PRESTIGE SANITIZER
Product Number	123
Product Type	Mixture
Product Use	Sanitizer for Dish Machines
Manufacturer/Supplier	National Purity, LLC. 6840 Shingle Creek Parkway, Suite #23 Brooklyn Center, MN 55430
Company Contact	612-672-0022
Emergency Telephone Number	1-800-255-3924
Email	customerservice@nationalpurity.com

2. Hazards Identification

GHS Classification in accordance with 29 CFR 1910 OSHA HCS

- Skin Irritation (Category 2) H314
- Eye Damage/Eye Irritation (Category 2) H318
- Hazardous to aquatic environment, acute hazard (Category 1) H400
- Hazardous to aquatic environment, long-term hazard (Category 1) H410

GHS Label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard Statements

- | | |
|------|-------------------------------------------------------------|
| H314 | Causes severe skin burns and eye damage |
| H318 | Causes serious eye damage |
| H400 | Very toxic to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects |

Precautionary Statements

Prevention

- | | |
|------|-----------------------------------------------------------------------------------|
| P264 | Wash hands thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P261 | Avoid breathing mist/vapors/spray. |
| P273 | Avoid release to the environment. |

Response

- | | |
|----------------|---------------------------------------------------------------------------------------------------------------|
| P301+P312+P330 | IF SWALLOWED, immediately call a POISON CENTER/doctor. DO NOT INDUCE VOMITING. Rinse mouth with water. |
|----------------|---------------------------------------------------------------------------------------------------------------|

P332+P313

If skin irritation occurs, get medical attention

P305+P351+P337+P313

IF IN EYES, rinse cautiously for several minutes. Remove contact lenses if present. Continue rinsing. If eye irritation persists, Get medical advice and attention

P304+P340+P312

IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Storage/Disposal

P501

Dispose of contents/container in accordance with local/regional/federal regulations.

3. Composition/Information on Ingredients

The following are criteria for listing components in this section: Ingredients that meet the criteria for carcinogenic, toxic to reproduction, or specific target organ toxicity and components otherwise considered hazardous according to OSHA which exceed the cut off limits for SDS specified by the criteria for mixtures are listed. Nonhazardous components are not listed. This is not a composition disclosure. Exact percentages are considered proprietary and a trade secret.

Hazardous Components	CAS#	Classification	%
Hypochlorous Acid, Sodium Salt (1:1)	7681-52-9	H314, H318, H400, H410	5-10%

4. First Aid Measures

Description of First Aid Procedures

General Advice

Consult a physician. Show this SDS to the doctor.

In Case of Eye Contact

Flush with cool running water for 15 minutes. Remove contact lenses if present. Get immediate medical attention.

In Case of Skin Contact

Rinse thoroughly with cool running water. Remove contaminated clothing. Get medical attention if irritation persists. Wash contaminated clothing before reuse.

If Ingested

Rinse mouth with water. **Do not induce vomiting.** Obtain immediate medical attention. Never give anything by mouth to an unconscious person.

If Inhaled

Move person to fresh air. If breathing difficulty persists, consult a physician.

Notes to Physician

Symptoms may be delayed.

General advice

Seek medical attention if feeling unwell. Show the SDS to the physician in attendance.

5. Fire-fighting Measures

Flammable properties

None

Extinguishing media

Powder, foam, Carbon dioxide (CO2).

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Protection of firefighters

Firefighters should wear protective clothing including self-contained breathing apparatus

Hazardous combustion products

No unusual fire or explosion hazards noted

Unusual Fire, Explosion hazards

During fire, hazardous gases may form

6. Accidental Release Measures

Personal precautions

Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled containers unless wearing protective clothing. Do not breath mist or vapor. Ensure adequate ventilation.

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Methods for containment	Stop leak if you can do so without risk. Prevent entry into waterways, sewers.
Methods for cleaning up	Before attempting clean up, refer to hazard data given above. Small spills, may be mopped up and rinsed. Large spills, dike area to prevent from spreading. Absorb with non-reactive absorbent and place in suitable, covered, and labeled container. Rinse area with water. Never return spill to original container.
Environmental precautions	Avoid spills. Keep out of waterways. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system

7. Handling and Storage

Precautions for Safe Handling	Use good industrial hygiene practices when handling this material. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Avoid release to the environment. Wash contaminated clothing before reuse. Provide adequate ventilation.
Conditions for Safe Storage	Keep container closed when not in use. Store in original tightly closed container. Keep out of reach of children.

8. Exposure Controls and Personal Protection

Exposure Limits			
Ingredients	CAS#	OSHA PEL	ACGIH STEL
Hypochlorous Acid, Sodium Salt (1:1)	7681-52-9	N/A	2 mg/m ³
Engineering controls	General ventilation normally adequate. In case of inadequate ventilation, wear suitable respiratory equipment.		
Personal protective equipment			
Eye/Face protection	Wear goggles or safety glasses with side shields if splash conditions exist. Have suitable eye wash water available.		
Hand protection	Wear appropriate chemical-resistant gloves to prevent contact with skin.		
Skin and body	As required by employer code.		
Respiratory protection	Use a NIOSH approved respirator when exposure guidelines are exceeded.		
General hygiene considerations	Handle in accordance with good industrial hygiene practices. Do not eat or drink when using product. Wash hands well before breaks and immediately after handling the product.		

9. Physical and Chemical Properties

Information on basic physical and chemical properties	
Appearance/form	Clear liquid
Color	Pale yellow
Odor	Unfragranced
Odor threshold	Not established
pH	> 12
Melting/freezing point	Not established
Initial Boiling point	≈212° F. (100° C.)
Flash point	Not established
Evaporation rate	Not established
Flammability	Not flammable
Upper/lower flammability or Explosive limits	Not established

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Vapor pressure	Not established
Vapor density	Not established
Specific gravity/density	1.13-1.17
Solubility in water	Complete
VOC	Not established
% Volatile	Not established
Other Safety Information	

10. Stability and Reactivity

Reactivity	Not reactive under normal conditions or storage.
Chemical Stability	Stable under normal storage conditions.
Hazardous reactions	None known.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Strong acids, alkalis, strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known
Hazardous polymerization	Will not occur.

11. Toxicological Information

Ingredients	LC50
Hypochlorous Acid, Sodium Salt (1:1)	Chinook salmon: 0.038-0.065 mg/l, 96 h
Ingredients	LD50
Hypochlorous Acid, Sodium Salt (1:1)	8910mg/kg Acute Oral (Rat), 5800mg/kg Acute Oral (Mouse)
Eye	Causes eye irritation.
Skin	May cause mild skin irritation.
Ingestion	May be harmful if swallowed.
Inhalation	May cause respiratory irritation of nose and throat.
Sensitization	Nonhazardous.
Chronic effects of short and long Term exposure	Prolonged exposure to skin may cause drying, defatting and irritation.
Carcinogenicity	Does not contain ingredients considered carcinogenic by NTP, or OSHA.
Mutagenicity	Nonhazardous.
Reproductive effects	Nonhazardous.
Teratogenicity	Nonhazardous.

12. Ecological Information

Eco-toxicity	Ecological effects for this product have not been analyzed. However, if spilled this products ingredients are harmful to aquatic life and may have long lasting effects.
Hypochlorous Acid, Sodium Salt (1:1)	No data available
Environmental effects	Not Available
Aquatic toxicity	Not Available
Persistence and Degradability	Not Available
Bioaccumulation/accumulation	Not Available
Partition coefficient	Not Available
Mobility in environmental media	Will likely be mobile in the environment due to its water solubility
Chemical fate information	Not Available
Other adverse effects	Not Available

13. Disposal Considerations

Waste codes	Not Available
Disposal instructions	Dispose in accordance with local, state, and federal regulations
Wastes from residues/unused product	Containerize. Rinse area with water. Keep out of storm sewer/waterways.
Contaminated packaging	Dispose in accordance with all applicable regulations.

14. Transport Information

Basic shipping requirements:	DOT Regulated
Proper shipping name:	Hypochlorite Solutions
Hazard class	8
UN number	UN1791
Packing group	III
Special provisions	N/A
Packaging exceptions	N/A

15. Regulatory Information

U.S federal regulations	This product has been classified in accordance with the Occupational Safety and Health Administration hazard criteria and the SDS contains all of the information required by OSHA. HCS 2012
TSCA	All ingredients are commercially available and presumed to be listed by manufacturer
CERCLA Super Fund 40 CFR 117.302	The components of this product are not subject to the reporting
SARA Title III Section 311&312	Immediate (Acute) Health Hazard: Sodium Carbonate (CAS: 497-19-8)
SARA Title III Section 313	Some of the ingredients in this product are subject to the reporting requirements of section 313 of Title III SARA.
States Right to Know	<p>CA Proposition 65: This product does not contain chemicals which are known to the state of California to cause cancer, birth defects, or reproductive harm.</p> <p>Massachusetts Right To Know: Hypochlorous Acid, Sodium Salt (1:1) (CAS: 7681-52-9)</p> <p>New Jersey Right To Know: Hypochlorous Acid, Sodium Salt (1:1) (CAS: 7681-52-9)</p> <p>Pennsylvania Right To Know: Hypochlorous Acid, Sodium Salt (1:1) (CAS: 7681-52-9)</p> <p>Rhode Island Right To Know: Hypochlorous Acid, Sodium Salt (1:1) (CAS: 7681-52-9)</p>

Inventory Status

Countries	Inventory Name	On Inventory (Yes/No)*
U.S.	CIL	Yes
Canada	DSL	Yes

- A "Yes" indicates that all of the components of this product comply with the inventory requirements administered by the governing country(s) listed.

16. Other Information

HMIS RATING

HMIS Legend

Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	3
Flammability	0
Reactivity	0
Personal Protection	B

Disclaimer

To the best of our knowledge, the information included herein is accurate. However, neither the above named supplier nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Issue date

October 20, 2022

Supersedes date

Reason for Update

New Product