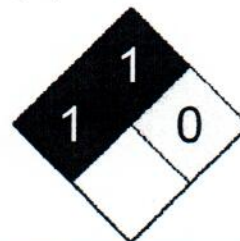


1. Product and Company Identification

Product Name	PDI Sani-Cloth® Bleach Germicidal Disposable Wipe	MSDS0094
CAS #	Mixture	
Product use	Cleaning and Disinfecting	
Manufacturer	Professional Disposables International, Inc. Two Nice-Pak Park Orangeburg, NY 10962-1376 Phone (USA) 1-845-365-1700 (M-F 8am - 5pm)	

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/ 1
Flammability	1
Physical Hazard	0
Personal Protection	A


2. Hazards Identification

Emergency overview	CAUTION Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear when dispensing and using this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Do not use with ammonia or acid such as vinegar, rust removers, toilet bowl cleaners, etc. Prolonged use on metals may cause pitting or discoloration.
Potential short term health effects	
Routes of exposure	Eye. Skin contact.
Eyes	May be minimally irritating to eyes based on test data.
Skin	May be minimally irritating to skin based on test data. Not a skin sensitizer based on test data.
Inhalation	Not a normal route of exposure.
Ingestion	Not a normal route of exposure.
Target organs	Eyes. Skin.
Chronic effects	Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Signs and symptoms	Symptoms may include redness, edema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Trisodium phosphate dodecahydrate	10101-89-0	1 - 2.5
Sodium hypochlorite	7681-52-9	< 1

4. First Aid Measures

First aid procedures	
Eye contact	In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling.
Skin contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Immediately take off all contaminated clothing.
Inhalation	Not a normal route of exposure. If symptoms develop move victim to fresh air.
Ingestion	Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Get medical attention immediately.

Notes to physician**General advice**

Treat patient symptomatically.

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

5. Fire Fighting Measures

Flammable properties	Not flammable by OSHA criteria.
Extinguishing media	
Suitable extinguishing media	Treat for surrounding material.
Unsuitable extinguishing media	Not available
Protection of firefighters	
Specific hazards arising from the chemical	Not available
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products	May include and are not limited to: Oxides of carbon.
Explosion data	
Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

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 material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Methods for containment	Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Pick up and discard towel.
Other information	Pick up and discard towel.

7. Handling and Storage

Handling	Wear protective eyewear while using. Do not reuse towelette. Do not reuse the empty container. When using do not eat or drink. Wash hands before breaks and immediately after handling the product. Do not use with ammonia or acids such as vinegar, rust removers, toilet bowl cleaners, etc. Not intended for use on fabrics. Prolonged use on metals may cause pitting or discoloration.
Storage	Keep out of reach of children. Store in a closed container away from incompatible materials.

8. Exposure Controls / Personal Protection

Exposure limits

Ingredient(s)	Exposure Limits
Sodium hypochlorite	ACGIH-TLV Not established OSHA-PEL Not established
Trisodium phosphate dodecahydrate	ACGIH-TLV Not established OSHA-PEL Not established

Engineering controls	General ventilation normally adequate.
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Personal protective equipment**Eye / face protection**

Wear gear as deemed necessary. Follow label directions.

Hand protection

Wear as deemed necessary, follow label directions.

Skin and body protection

As required by employer code.

Respiratory protection

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink.

Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.

9. Physical and Chemical Properties

Appearance	Clear. Liquid saturated on wipe
Color	Clear, colorless liquid
Form	Liquid saturated on wipe.
Odor	Chlorine
Odor threshold	Not available
Physical state	Solid
pH	12.5 (liquid)
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation rate	Not available
Flash point	Not applicable
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	Not applicable
Flammability limits in air, upper, % by volume	Not applicable
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	1.018 (Liquid)
Octanol/water coefficient	Not available
Solubility (H2O)	Wipe is not soluble

10. Stability and Reactivity

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Do not mix with other chemicals. Do not use with ammonia or acids such as vinegar, rust removers, toilet bowl cleaners, etc.
Incompatible materials	Acids. Oxidizers. Caustics.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

11. Toxicological Information

Acute effects	Acute LD50: >5000 mg/kg, Rat, Oral Acute LD50: >5000 mg/kg, Rabbit, Dermal Acute LC50: >2.35 mg/l/4h, Rat, Inhalation
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Component analysis - LC50

Ingredient(s)	LC50
Sodium hypochlorite	> 5250 mg/m3 rat
Trisodium phosphate dodecahydrate	Not available

Component analysis - Oral LD50**Ingredient(s)****LD50**

Sodium hypochlorite	8200 mg/kg rat; 5800 mg/kg mouse
Trisodium phosphate dodecahydrate	7400 mg/kg rat

Effects of acute exposure

Eye	May be minimally irritating to eyes based on test data.
Skin	May be minimally irritating to skin based on test data. Not a skin sensitizer based on test data.
Inhalation	Not a normal route of exposure.
Ingestion	Not a normal route of exposure.
Sensitization	Non-hazardous by OSHA criteria.
Chronic effects	Non-hazardous by OSHA criteria.
Carcinogenicity	Non-hazardous by OSHA criteria.
IARC - Group 3 (Not Classifiable)	
Sodium hypochlorite	7681-52-9 Monograph 52 [1991] (listed under Hypochlorite salts)
Mutagenicity	Non-hazardous by OSHA criteria.
Reproductive effects	Non-hazardous by OSHA criteria.
Teratogenicity	Non-hazardous by OSHA criteria.
Synergistic Materials	Not available

12. Ecological Information**Ecotoxicity**

See below

Ecotoxicity - Freshwater Algae DataSodium hypochlorite 7681-52-9 24 Hr EC50 *Skeletonema costatum*: 0.095 mg/L**Ecotoxicity - Freshwater Fish Species Data**Sodium hypochlorite 7681-52-9 96 Hr LC50 *Pimephales promelas*: 0.06-0.11 mg/L [flow-through]; 96 Hr LC50 *Pimephales promelas*: 4.5-7.6 mg/L [static]; 96 Hr LC50 *Lepomis macrochirus*: 0.4-0.8 mg/L [static]; 96 Hr LC50 *Lepomis macrochirus*: 0.28-1 mg/L [flow-through]; 96 Hr LC50 *Oncorhynchus mykiss*: 0.05-0.771 mg/L [flow-through]; 96 Hr LC50 *Oncorhynchus mykiss*: >0.03-<0.19 mg/L [semi-static]; 96 Hr LC50 *Oncorhynchus mykiss*: 0.18-0.22 mg/L [static]**Ecotoxicity - Water Flea Data**Sodium hypochlorite 7681-52-9 96 Hr EC50 *Daphnia magna*: 2.1 mg/L; 48 Hr EC50 *Daphnia magna*: 0.033 - 0.044 mg/L [Static]

Environmental effects	Not available
Aquatic toxicity	Not available
Persistence / degradability	Not available
Bioaccumulation / accumulation	Not available
Partition coefficient	Not available
Mobility in environmental media	Not available
Chemical fate information	Not available

13. Disposal Considerations

Waste codes	Not available
Disposal instructions	Discard after single use. Review federal, state/provincial, and local government requirements prior to disposal. Discard with solid waste. Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information**U.S. Department of Transportation (DOT)**

Not regulated as dangerous goods.

15. Regulatory Information

US Federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

Sodium hypochlorite	7681-52-9	100 Lb final RQ; 45.4 kg final RQ
Trisodium phosphate dodecahydrate	10101-89-0	5000 Lb final RQ; 2270 kg final RQ

U.S. - CWA (Clean Water Act) - Hazardous Substances

Sodium hypochlorite	7681-52-9	Present
Trisodium phosphate dodecahydrate	10101-89-0	Present

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

CERCLA (Superfund) reportable quantity

Trisodium phosphate dodecahydrate: 5000.0000
Sodium hypochlorite: 100.0000
Sodium hydroxide: 1000.0000
Phosphoric acid: 5000.0000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

Clean Air Act (CAA) Not available

Clean Water Act (CWA) Not available

State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances

Sodium hypochlorite	7681-52-9	Present
Trisodium phosphate dodecahydrate	10101-89-0	Present

U.S. - Louisiana - Reportable Quantity List for Pollutants

Sodium hypochlorite	7681-52-9	100 Lb final RQ; 45.4 kg final RQ
Trisodium phosphate dodecahydrate	10101-89-0	5000 Lb final RQ; 2270 kg final RQ

U.S. - Massachusetts - Right To Know List

Sodium hypochlorite	7681-52-9	Present
Trisodium phosphate dodecahydrate	10101-89-0	Present

U.S. - Minnesota - Hazardous Substance List

Sodium hypochlorite	7681-52-9	Present
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U.S. - New Jersey - Right to Know Hazardous Substance List

Sodium hypochlorite	7681-52-9	sn 1707
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U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances

Sodium hypochlorite	7681-52-9	100 Lb RQ (air); 100 lb RQ (land/water)
Trisodium phosphate dodecahydrate	10101-89-0	5000 Lb RQ (air); 100 lb RQ (land/water)

U.S. - Pennsylvania - RTK (Right to Know) List

Sodium hypochlorite	7681-52-9 Environmental	hazard
Trisodium phosphate dodecahydrate	10101-89-0 Environmental	hazard

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

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

16. Other Information

Disclaimer

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Recommended use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Further information

Not for use on skin. Not a baby wipe. For use on hard surfaces only.

Issue date

03-March-2011

Effective date

03-March-2011

Prepared by

Nice-Pak Products, Inc. (845) 365-1700

Other information

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.