Section 1: Product and Company Identification

Wysiwash
2090 S Nova Rd, Unit B 203
South Daytona FL, 32119

Business: (866) 627-6284
Web: www.wysiwash.com

Product Name: WYSIWASH Product Solution
Generic Name: Hypochlorous acid solution
Synonyms: NA
Product Description: Chlorine-providing disinfectant
CAS # 7790-92-3 aqueous solution
Date of Revision: 1 March 2020

Section 2: Hazard Identification

Emergency Overview: Appearance: Clear, colorless liquid, depending on water added to tablet.

HMIS HEALTH	**0**
HMIS FLAMMABILITY	**0**
HMIS REACTIVITY	**0**
PERSONAL PROTECTION	**A**

OSHA Regulatory Status: This material **is not** considered hazardous under the OSHA standard.

Potential Health Effects:
Inhalation: While low vapor pressure eliminates inhalation as a major route of exposure, misting of the liquid can lead to inhalation. Inhalation exposure may cause respiratory irritation.
Ingestion: Ingestion of small amounts is not expected to be harmful. Larger amounts may cause gastric disturbances.
Skin Contact: May cause mild irritation.
Eye Contact: May cause eye irritation.
Chronic Exposure: No chronic effects known.
Aggravation of Pre-existing Conditions: No information available.
Target Organs: No information available.

Section 3: Composition / Information On Ingredients

Component	Common Names, Synonyms	CAS #	EINECS #	Weight %
Hypochlorous acid	HOCl	7790-92-3	232-232-5	< 0.01%

Non-hazardous components may or may not be listed. Carcinogens are listed when present at 0.1% or more; components which are otherwise hazardous according to OSHA are listed when present at 1.0% or more. This is not intended to be complete compositional disclosure. See Section 15 for applicable states right to know and other regulatory information.

Section 4: First Aid Measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion: Drink several glasses of water or milk to dilute product. Never give anything by mouth to an unconscious person. Get medical attention.
Skin: If irritation develops, flush skin with plenty of water and seek medical attention.
Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.
Note to Physicians: N/A

Section 5: Fire Fighting Measures

Fire: Flash point: Does not burn.

Explosion: Not considered an explosion hazard.

Extinguishing Media: Use any appropriate media for the surrounding fire including, water, dry chemical, alcohol foam or carbon dioxide. Water spray may be used to keep fire-exposed containers cool.

Special Precautions: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

NFPA Rating: Health - 0 Flammability - 0 Reactivity - 0 Other – NA

Section 6: Accidental Release Measures

Spilled material may to hosed off to surrounding soil, pavement, sanitary sewer system or just left to dry.

Section 7: Handling and Storage

This product contains an active chlorine-generating system with only incidental, short-term storage of partial tablets and solution intended in the sprayer device. Store the sprayer in a ventilated area, suitable for wet equipment. Protect against physical damage.

Section 8: Exposure Control / Personal Protection

Exposure Guidelines: No exposure guidelines established.

Personal Protective Equipment:
Skin Contact: Protective clothing, such as boots and gloves may be appropriate for sensitive individuals.
Eye Contact: Use chemical safety goggles and/or full face shield where misting or splashing of solutions is possible.
Inhalation: Avoid inhalation if misting of the liquid occurs.
Engineering Controls: A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Section 9: Physical and Chemical Properties			
Appearance	Clear, colorless liquid	Specific Gravity (g/mL)	1.0
Odor	Mild chlorine, bleach	pH	7 – 9 depending on water
Odor Threshold	ND	Solubility in water	Complete
Melting Point	ND	% Volatiles	100%
Boiling Point	100°C (212°F)	Evaporation Rate	ND
Flash Point	NA	Vapor Pressure	ND

Section 10: Stability and Reactivity

Chemical Stability: This product is stable in closed containers at room temperature.
Hazardous Decomposition Products: Low concentrations of chlorine
Incompatibilities: Strong acids, amines, ammonia, ammonium salts, reducing agents, reactive metals, aziridine, methanol, formic acid.
Conditions to Avoid: Heat, sparks, flames.

Section 11: Toxicological Information

Acute Dose Effects: Eyes: Mild eye irritant
Inhalation: No data found.
Skin: LD50 >5000 mg/kg.
Oral: LD50 >5000 mg/kg.

Section 12: Ecological Information

Environmental Fate: This product is not expected to bioaccumulate. When released into water or air its expected half-life is 1- 10 days.

Ecotoxicity: This active ingredient of this product is expected to be toxic to aquatic organisms. However, the low concentration in the solution makes it unlikely that mammals and other warm-blooded organisms will be harmed by incidental contact with this product. Aquatic organisms and air-breathing amphibians and reptiles may have greater exposure and effects.

Section 13: Disposal Considerations

As a waste, this material in its raw form IS NOT considered a HAZARDOUS WASTE under RCRA (29 CFR 261).

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

Section 14: Transport Information

Proper Shipping Name: Not regulated.
DOT Hazard Class: N/A
UN Number: N/A
Packing Group: N/A
CERCLA Reportable Quantity (RQ): N/A

Releases exceeding the reportable quantity (RQ) must be reported to the National Response Center **(800) 424-8802**.
This data provided for information only. The description shown may not apply to all shipping situations. Consult 49 CFR, or appropriate regulations to properly classify your shipment for transportation.

Section 15: Regulatory Information

TSCA Chemical Inventory: All of the components in this product are listed on the TSCA Inventory.
TSCA Sec 4 Chemical Test Rule: None of the components in this product are under a Chemical Test Rule.
TSCA Sec 8(d): None of the components in this product are on the Health and Safety Reporting List.
TSCA Sec 12(b) Notices of Export: None of the components in this product are on this list.
TSCA Significant New Use Rule (SNUR): None of the components in this product are on this list.
SARA Sec 302 (EHS) TPQ: None of the components in this product have a TPQ.
SARA Sec 302 (EHS) RQ: None of the components in this product have a RQ.
SARA Sec 311/312: NO; Chronic – NO; Fire – NO; Release of Pressure – NO; Reactivity – NO
SARA 313 List: None of the components in this product is reportable under Section 313 Title III and 40 CFR Part 372.
CERCLA Hazardous Substances and corresponding RQs: N/A
RCRA: None of the components in this product are on this list.
Clean Air Act: **Hazardous Air Pollutants?** NO **Class 1 Ozone Depletors?** NO **Class 2 Ozone Depletors?** NO
Clean Water Act: **Hazardous Substance?** NO **Priority Pollutant?** NO **Toxic Pollutant?** NO
Chemical Weapons Convention: None of the components in this product are on this list.
Drug Enforcement Agency (DEA) CDTA: None of the components in this product are on this list.
Environmental Protection Agency: Hypochlorous acid in this product solution is an EPA-registered biocide, chemical code 129054. The solid tablet is specifically registered under 1258-808-84988.

OSHA: None of the components in this product are considered Highly Hazardous by OSHA.
State Right-to-Know Lists: Calcium hypochlorite in this product is found on the Right-to-Know lists of Massachusetts, New Jersey and Pennsylvania, although below the *de minimus* limits.

Section 16: Other Information

Abbreviations and acronyms used:

ACGIH	American Conference of Governmental Industrial Hygienists	NA	not applicable, not available
ANSI	American National Standards Institute	NIOSH	National Institute for Occupational Safety and Health
atm	atmosphere (pressure unit)	ND	not determined
BOD	biological oxygen demand	NFPA	National Fire Prevention Association
CAS	Chemical Abstracts Service	NTP	National Toxicology Program
CC	closed cup	OC	open cup
CDTA	Chemical Drug and Trafficking Act	OSHA	Occupational Safety and Health Administration
COC	Cleveland Open Cup	Part	partition
COD	chemical oxygen demand	PEL	permissible exposure limits
coeff.	coefficient	ppb	parts per billion
CFR	Code of Federal Regulations	PPE	personal protective equipment
CPR	cardio-pulmonary resuscitation	ppm	parts per million
DEA	Drug Enforcement Agency	psi	pounds per square inch
DOT	Department of Transportation	RCRA	Resource Conservation and Recovery Act
FDA	Food and Drug Administration	RQ	Reportable quantity
IARC	Internat'l Agency for Research on Cancer	RTK	Right to Know
IDLH	immediate danger to life and health	SARA	Superfund Amendments and Reauthorization Act
kg	kilogram	STEL	short-term exposure limit
L	liter	TCC	Tagliabue Closed Cup
LC50	median lethal concentration	TPQ	threshold planning quantity
LD50	median lethal dose	TQ	threshold quantity
LEL	lower explosive limit	TSCA	Toxic Substances Control Act
mg	milligram	TWA	time-weighted average
mL	milliliter	UEL	upper explosive limit

This document was prepared in accordance with 29 CFR 1910.1200 and ANSI Z400.1-2004.

Prepared by Douglas R. Chrisope on 1 March 2010, Updated April 2020.

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