



Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY INFORMATION

Product identifier

Product Name: ChlorTastic™ – Concentrated Cleaning Powder
Product Code: WYS-310

Identified uses of the substance or mixture and uses advised against

RECOMMENDED USE: Manual surface cleaning and soil removal
RESTRICTIONS ON USE: Do not use in a manner inconsistent with the label or instructions.

Details of the supplier of the safety data sheet

COMPANY: Hydro Magic, LLC DBA Wysiwash
COMPANY ADDRESS: 415 Oak Place, Port Orange, FL 32127
COMPANY PHONE: 1-866-627-6284

Emergency telephone number

Chemtrec Toll Free Number: 800-424-9300 Chemtrec Local Number: 703-527-3887

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS-US Classification
EYE DAMAGE (Category 1A)
SKIN IRRITATION (Category 2)
ACUTE TOXICITY Oral (Category 4)
ACUTE TOXICITY Inhalational (Category 4)

Label elements

GHS-US labelling
Hazard pictograms



SIGNAL WORD (GHS-US): DANGER
HAZARD STATEMENTS: Causes irreversible eye damage.
May be harmful if inhaled. Do not breathe dust.
Harmful if swallowed. May cause burns to moist skin if not promptly removed.

PRECAUTIONARY STATEMENTS- PREVENTION:

Do not breathe dust, vapor, or spray mist. Do not get into eyes, on skin, or on clothing. Do not eat, drink, or smoke while using this product. Wear safety glasses with side shields, protective clothing, chemical splash goggles, full face shield, and chemical resistant gloves while handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, using tobacco, or using the toilet. Do not breathe dust, mist, spray. Remove all contaminated clothing and wash before reuse. Use only outdoors in a well-ventilated area. Avoid release to the environment.

PRECAUTIONARY STATEMENTS- RESPONSE

If Swallowed: Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious or convulsive person. If vomiting occurs keep airway clear. See medical attention and call a Poison Center.

If In Eyes: Rinse immediately with water for at least 20 minutes. Hold eyelids apart to ensure complete irrigation of all eye and lid tissues. Rapid washing of eyes after exposure is critical to preserve eye tissue from further harm. Remove contact lenses and continue rinsing. Victim should be taken to emergency room or medical center.

If On Skin: Immediately flush exposed area with water. Remove all contaminated clothing and footwear. Rinse skin in shower with water. Wash exposed area with soap and water. Launder all contaminated clothing and footwear before reuse. Seek medical attention.

If Inhaled: Remove person to fresh air and keep comfortable for breathing. Give CPR if not breathing. If breathing is labored administer oxygen by qualified personnel. Call emergency services immediately.

PRECAUTIONARY STATEMENTS – STORAGE

Store in well-ventilated and secure location away from sunlight and moisture. Keep out of reach of children. Keep material dry. Keep container tightly sealed. Keep separated from incompatible materials.

PRECAUTIONARY STATEMENTS – DISPOSAL

Dispose of contents and container to proper chemical disposal facility in accordance with all relevant local, state, and federal regulations.

PRECAUTIONARY STATEMENTS – USE

Do not mix with acid or ammonia as this will release dangerous chlorine gas. Do not combine directly with other concentrated chlorine products such as bleach or solid calcium hypochlorite since explosive oxides and compounds of nitrogen can be formed.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Product identifier: CAS#	Percent Weight
Sodium metasilicate	6834-92-0	10 – 40%
Sodium dichloro-s-triazinetrione	2893-78-9	10 – 20%
Sodium carbonate	497-19-8	10 – 25%

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

First-Aid measures general	If exposed seek immediate medical attention. If you feel sick, seek medical attention.
First-Aid measures after inhalation:	Respiratory problems: Go to doctor and/or call ambulance. Remove exposed victim to fresh air and keep comfortable and ensure victim is breathing.
First-Aid measures after skin contact:	Wash with copious amounts of water. Proceed to water shower. Remove and discard affected clothing and wash all exposed skin with mild soap and warm water rinse. Do not remove clothing if adheres to the affected skin. Cover wounds with sterile bandage. Seek medical advice immediately. If mild exposure, continue to monitor situation and if irritation persists take victim to doctor.
First-Aid measures after eye contact:	Rinse eyes immediately with large amounts of water or irrigate with emergency eye kit. It is critical to wash eyes immediately after exposure. Continue rinsing for 15- 20 minutes. Cover eyes aseptically. Seek help from ophthalmologist or emergency room. Do not apply

First-Aid measures after ingestion:

neutralizing agents. Monitor victim and seek medical attention if blinking, excessive tearing, irritation, or redness persists. Rinse mouth with cold water and do not induce vomiting unless instructed by a physician. Seek emergency medical attention. Call a Poison Center if victim is feeling nauseous, sick, dizzy, or experiencing other conditions.

Most important symptoms and effects: acute and delayed

Symptoms/injuries:

Causes severe burns to skin and eyes.

Symptoms/injuries after inhalation:

Exposure to high concentrations: Dry/sore/burning sensation in throat. Difficulty breathing. Dizziness and headache. Possible laryngeal spasm and edema. Symptoms may present hours after initial exposure. Risk of pneumonia and lung edema.

Symptoms/injuries after skin contact:

Burns to skin. Slow-healing wounds. Skin rash and inflammation on continuous or repeated exposure.

Symptoms/injuries after eye contact:

Severe burns to eyes. Irreversible eye damage to cornea and eye tissues. Blindness.

Chronic symptoms:

Permanent eye damage/blindness. Dry and cracked skin on hands and areas of exposure. Slow-healing wounds.

Indication of any Immediate Medical Attention and Special Treatment

Obtain immediate medical attention. Note to physicians: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

Extinguishing media for surrounding fires: All extinguishing media allowed. Flood with copious amounts of water.

Unsuitable extinguishing media

No unsuitable extinguishing media. Avoid excessive water stream.

Special hazards arising from the substance or mixture

Fire hazard

No fire hazard.

Explosion hazard

No direct explosion hazard.

Reactivity

Thermal decomposition generates corrosive vapors.

Hazardous combustion products:

Thermal decomposition products include oxides of sulfur and nitrogen.

Advice for firefighters

Fire-fighting instructions:

Use water spray or fog for cooling exposed containers. Prevent residual fire-fighting water from entering environment.

Protection during fighting fire:

Do not enter without adequate protective gear/equipment. Wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Protective equipment:

Wear chemical safety goggles. Provide an emergency eye wash station and quick drench shower in the immediate work area. Wear protective

clothing to minimize skin contact. Contaminated clothing should be removed and laundered prior to reuse. Wear appropriate chemical resistant gloves.

Environmental Precautions

Prevent entry to sewers and public waters. Notify relevant authorities if clean up liquid enters sewers or drains.

Methods and Material for Containment and Cleaning Up

For containment: Contain released substance, pump into suitable containers. Stop the leak. Wet dust on surfaces with ample water spray.

Methods for clean up: Stop dust cloud by spraying with water. Scoop or shovel solid spilled material into sealed containers. Wash down remaining surfaces with water. Wash clothing and equipment afterwards.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling

Precautions for safe handling: Wash hands and other exposed areas with mild soapy warm water before eating, drinking, or smoking and when leaving work area. Ensure adequate ventilation for use areas, especially enclosed areas such as closets, bathrooms, and small storage areas. Do not breathe dust, mist, or spray. Avoid exposure during pregnancy and while nursing. Wear personal protective equipment as described in Section 8.

Hygiene measures: Do not eat, drink, smoke, or touch face and eyes while using this product. Wash all exposed areas of body after handling.

Conditions for Safe Storage, Including any Incompatibilities

Technical measures: Comply with applicable regulations.

Storage conditions: Keep in original container. Replace and tighten lid after every use.

Incompatible substances: Strong acids, bases, urea, chlorine derivatives or oxidizing agents.

Maximum storage period: 12 months

Storage conditions: Store in a cool dry area away from direct sunlight. Keep locked up and out of reach of children. Provide a tub or container to collect spills. Keep in the original container and don't transfer to any other container. Comply with all local safety regulations.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium Dichloroisocyanurate CAS: 51580-86-0	N/A	N/A	N/A
Sodium Carbonate CAS:479-19-8	N/A	N/A	N/A
Sodium metasilicate CAS: 6834-92-0	N/A	N/A	N/A

Individual Protection Measures – Personal Protection Equipment

Eye protection: Chemical anti-splash safety glasses.

Materials for protective clothing:	Fabric should be resistant to alkali and waterproof.
Hand protection:	Gloves
Respiratory protection:	Use only in well ventilated areas. Dust mask with filter type P1/N95
Work area protection:	Eyewash stations and safety showers should be near work area.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Solid	Relative Density	No data available
Physical appearance	White powder	Solubility	Soluble in water
Odor:	Lavender/halogen	Partition Coefficient	N/A
pH 1% solution	12.2 – 12.5	Auto-Ignition Temperature	N/A
Melting point	N/A	Specific Gravity (g/ml)	0.9450
Freezing point	N/A	% Volatile	N/A
Boiling point	N/A	Viscosity	N/A
Flash point	N/A	Upper Explosive Limit	N/A
Evaporation rate	N/A	Lower Explosive Limit	N/A
Flammability:	N/A	Vapor Pressure	N/A

Section 10: STABILITY AND REACTIVITY

Reactivity: Not reactive under normal temperature. Thermal decomposition generates corrosive vapors.

Chemical stability: Stable at room temperature. Hygroscopic. Absorbs moisture and carbon dioxide.

Possibility of hazardous reactions: Do not mix with acids, bases, chlorinated beach, or oxidizing agents.

Conditions to avoid: Direct sunlight and heat. Do not store in sunlight or near heat source.

Incompatible materials: Acids, bases, chlorinated compounds, beach, and oxidizing agents.

Hazardous decomposition products: Oxides of nitrogen and chlorine.

Section 11: TOXICOLOGICAL INFORMATION

Information On Likely Routes of Exposure

Inhalation	This product in the solid form is not expected to produce respiratory effects. If ground in a powdered form, corrosive effects may occur. May cause severe irritation of the respiratory tract with coughing, choking, pain and possibly burns of the mucous membranes. If prolonged exposure occurs, pulmonary edema may develop. The symptoms may include tightness in chest, dyspnea, frothy sputum, and dizziness. Severe cases can be fatal.
Eye contact	This product is corrosive to the eye and cornea. Direct contact may cause severe irritation, pain, burns, and irreversible damage including blindness. The degree of injury depends on the amount and duration of the exposure.
Skin contact	This product is irritating to skin. Direct contact with wet or dry material or by moist skin may cause severe irritation, pain, and possibly burns. Dry material is less irritating than wet material. This product is not a skin sensitizer.
Ingestion	Harmful if swallowed. Ingestion may cause immediate pain and severe burns of the mouth and throat. There may be discoloration of the tissues. Swallowing and speech may become difficult and then later nearly impossible. Effects on the esophagus and GI tract

range from irritation to severe corrosion depending on the dose consumed. Edema of the epiglottis and shock may occur.

Information on Toxicological Effects of Components in the Mixture

Chemical Name	Oral LD50	Dermal LD50	ATE US oral
Sodium dichloroisocyanate 51580-86-0	1420 mg/Kg rat	6000 mg/Kg rabbit	1420 mg/Kg
Sodium metasilicate 6834-92-0	600 mg/Kg rat	1350 mg/Kg rabbit	600 mg/Kg
Sodium carbonate 497-19-8	2800 mg/Kg rat	>2000 mg/Kg rabbit	2800 mg/Kg

Information on Physical, Chemical and Toxicological Effects

Symptoms Contact with skin may cause redness, strong burning sensation, with eventually ulceration
Contract with eyes may cause pain and tears. Ingestion may cause abdominal, nausea, general weakness. Inhalation may cause sore throat, cough, and nausea.

Delayed and Immediate Effects as well as Chronic Effect from Short/Long Term Exposure

Carcinogenicity Not classified as a carcinogen by NTP, IARC, or OSHA.

Section 12: ECOLOGICAL INFORMATION

Toxicity

Sodium metasilicate (6834-92-0)

LC50 fish 1 210 mg/l (96 hours)- *Brachydanio rerio*
EC50 Daphnia 1 1700 mg/l (48 hours) Experimental value (EU method C.2)
LC50 fish 2 2320 mg/l (96 hours). *Gambusia affinis*

Sodium carbonate (497-19-8)

LC fish 1 300 mg/l (96 hours) – *Lepomis macrochirus*
EC50 Daphnia 1 <424 mg/l (48 hours) – *Daphnia magna*
EC50 Other aquatic organisms 14 mg/l (168 hours) – Plankton
LC50 fish 2 740 mg/l (96 hours) – *Gambusia affinis*
Threshold limit algae 242 mg/l (5 days) – Algae

Sodium dichloro-s-triazine trione (2893-78-9)

LC50 fish1 0.28 – 0.46 mg/l (96 hours)- *Lepomis macrochirus*
EC50 Daphnia 1 0.28 mg/l (48 hours) – *Daphnia magna*
LC50 fish 2 0.12 mg/l (96 hours) – *Salmo gairdneri*

Persistence and degradability

Sodium metasilicate (6834-92-0)

Persistence and degradability Biodegradability: not applicable. Low potential for absorption in soil.

Sodium carbonate (497-19-8)

Persistence and degradability Biodegradability: N/A. Low potential for absorption into soil.

Sodium dichloro-s-triazine trione (2893-78-9)

Persistence and degradability Not readily biodegradable in water or soil

Bioaccumulative potential

Sodium metasilicate (6834-92-0)

Biodegradability: N/A

Sodium carbonate (497-19-8)

Log Pow -6.19 (estimated value)

Bioaccumulation potential Low potential for bioaccumulation (Log Kow > 4)

Sodium dichloro-s-triazine trione (2893-78-9)

Log Pow -0.06 (estimated value)
Bioaccumulation potential N/A

Mobility in soil

No additional information available

Other adverse effects

Effect on ozone layer
Effect on global warming No known ecological damage caused by this product

Section 13: DISPOSAL CONSIDERATIONS**Waste treatment methods**

Waste disposal recommendations: Remove waste and/or residual powder in accordance with local and national regulations. Hazardous waste should not be mixed with other forms of waste. Hazardous waste should be managed responsibly. All companies or persons that store, transport, or handle hazardous waste shall take the necessary precautions to prevent risks of pollution or damage to people, animals, or the ecosystem. Remove to an authorized dump. Do not discharge into drains or the environment. May be discharged to wastewater treatment installation.

Section 14: TRANSPORTATION INFORMATION

In accordance with DOT
Not regulated for transport
Transport by sea Not regulated
Transport by air Not regulated

Section 15 REGULATORY INFORMATION**US Federal regulations**

No additional information available

International regulations

CANADA No additional information
EU No additional information
Classification according to Directive 67/548/EEC or 1999/45/EC
O, R8
Xi, R36/37
EPCRA- Emergency Planning and Community Right to Know
CERCLA Reportable Quantity This material does not contain any components with CERCLA RQ
SARA 311/312 HAZARDS: Acute health hazard
SARA 313 This material does not contain any reportable chemical components
TSCA INVENTORY All components are listed on the inventory

Section 16: OTHER INFORMATION

Full text of H-phrases	
Acute Tox. 4 (oral)	Acute toxicity (oral), Category 4
Skin Corrosion, 1A	Skin corrosion/irritation, Category 1A
Eye damage, 1A	Irreversible eye damage, Category 1A
NFPA health hazard	2- Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is administered.
NFPA fire hazard	0- Materials will not burn
NFPA reactivity	0 – Normally stable, even under fire exposure conditions. Not reactive with water.
HMIS III Rating	



Health	2- Moderate Hazard – Temporary or minor injury may occur
Flammability	0- Minimal Hazard
Physical	0- Minimal Hazard
Personal protection	C
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Prepared by	Regulatory Affairs Team

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