

Section 1: Identification of the substance or mixture and of the supplier

Product Name: Hydro Pak Toilet Bowl Cleaner

Synonyms/Other Means of Identification: Toilet Bowl Cleaner

Intended Use: General Purpose Toilet Bowl Cleaner

Manufacturer: F-Matic Inc.
299 South Millpond Drive
Lehi, Utah 84043

SDS Information: Phone: 800-824-9994

Section 2: Hazard(s) Identification

Classification

H318 – Eye irritate -- Category 2

Label Elements



WARNING

Causes serious eye irritation. (H319)

Precautionary Statement(s):

Wear protective eye protection. (P280) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305 + P351 + P338)
If eye irritation persists: Get medical advice/attention. (P337 + P313)

Section 3: Composition / Information on Ingredients

<u>Common name</u>	<u>CAS number</u>	<u>Concentration,%*</u>
Citric Acid	77-92-9	10% to 25%
Sodium Bicarbonate	144-55-8	< 1%
Sodium Lauryl Sulfate	7464-04-2	1% to 5%
Polyethylene Glycol	25322-68-3	1% to 5%
Sodium Carbonate	497-19-8	< 70%

INGREDIENTS: The identity of the specific components of this mixture is proprietary information and regarded to be a trade secret, in accordance with the provisions of paragraph 1910.1200 of Title 29 of the Code of Federal Regulations. Please refer to section 2 for hazard identification.

Section 4: First Aid Measures

First aid measures for accidental exposure:

General information: No special measures required.

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**

Brush off loose particles from skin.
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.

- After eye contact:

Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- After swallowing:

Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help.

Section 5: Fire-Fighting Measures

NFPA 704 Hazard Class

Health: 1 **Flammability:** 0 **Instability:** 0 (0-Minimal, 1-Slight, 2-Moderate, 3-Serious, 4-Severe)

HMIS®

Health: 1 **Flammability:** 0 **Physical Haz:** 0 (0-Minimal, 1-Slight, 2-Moderate, 3-Serious, 4-Severe, *Chronic)

Extinguishing Media: Use extinguishing media suitable for surrounding conditions.

Specific Hazards Arising From the Chemical

Unusual Fire & Explosion Hazards: Formation of toxic gases is possible during heating or in case of fire.

Special Protective Actions for Firefighters: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

Section 6: Accidental Release Measures

Evacuation Procedures and Safety:

None.

Containment of Spill:

Pick up mechanically.

Dispose contaminated material as waste according to item 13.

Send for recovery or disposal in suitable receptacles.

Environmental and Regulatory Reporting:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Section 7: Handling and Storage

Minimum/Maximum Storage Temperatures:

Store in cool, dry, conditions in well-sealed receptacles.

Handling:

Prevent formation of dust.

Use only in well ventilated areas.

Storage:

Store away from foodstuffs.

Store away from oxidizing agents.

Do not store together with acids.

Section 8: Exposure Controls / Personal Protection

Note: State, local or other agencies or advisory groups may have established more stringent limits. Consult an industrial hygienist or similar professional, or your local agencies, for further information.

Occupational Exposure Limits

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

Personal protective equipment

Respiratory protection: Not required under normal conditions of use.
Hand protection: Not required under normal conditions of use.
Eye protection: Not required under normal conditions of use.
Skin and body protection: Not required under normal conditions of use.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

Suggestions provided in this section for exposure control and specific types of protective equipment are based on readily available information. Users should consult with the specific manufacturer to confirm the performance of their protective equipment. Specific situations may require consultation with industrial hygiene, safety, or engineering professionals.

Section 9: Physical and Chemical Properties

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm). Data represent typical values and are not intended to be specifications.

Appearance:	Blue Powder in a water-soluble pouch
Physical Form:	Solid
Odor:	Fragrant
Odor Threshold:	No data
pH:	<9 (0.05% solution)
Vapor Pressure:	N/A
Vapor Density (air=1):	N/A
Initial Boiling Point/Range:	N/A
Melting/Freezing Point:	N/A
Solubility in Water:	Complete
Partition Coefficient (n-octanol/water) (Kow):	N/A
Specific Gravity (water=1):	No data
Evaporation Rate (nBuAc=1):	N/A
Flash Point:	N/A
Test Method:	Not applicable
Lower Explosive Limits (vol % in air):	Not applicable
Upper Explosive Limits (vol % in air):	Not applicable
Auto-ignition Temperature:	Not applicable

Section 10: Stability and Reactivity

Reactivity: Stable under normal ambient and anticipated conditions of use.

Chemical Stability: Stable under normal ambient and anticipated conditions of use.

Stability: Stable under normal ambient and anticipated conditions of use.

Conditions to Avoid: Store away from oxidizing agents.

Materials to Avoid (Incompatible Materials): None known.

Hazardous Decomposition Products: Carbon oxides. Sulfur oxides.

Hazardous Polymerization: Not known to occur.

Section 11: Toxicological Information

- Acute toxicity:**
- **LD/LC50 values relevant for classification:** Not applicable.
 - **Primary irritant effect:**
 - **on the skin:** Causes mild skin irritation.
 - **on the eye:** irritating to eyes.
 - **Sensitization:** No sensitizing effects known.
 - **Subacute to chronic toxicity:** No further relevant information available.
 - **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant

- **Acute effects (acute toxicity, irritation and corrosivity):**
 - Causes mild skin irritation.
 - Irritating to eyes.
- **Repeated dose toxicity:** No further relevant information available.

Section 12: Ecological Information

Toxicity: No data found

Persistence and Degradability: No data

Bioaccumulative Potential: No data

Mobility in Soil: No data

Other Adverse Effects: None anticipated.

Section 13: Ecological Information

Industrial Setting: Small amounts may be diluted with plenty of water and washed away. Dispose of larger amounts in accordance with Local Authority requirements.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

Household Setting: Disposal must be made according to official regulations. Consumer may discard or recycle where facilities exist.

Section 14: Transport Information

14.1 UN-Number

· DOT, ADR, ADN, IMDG, IATA Not Regulated

14.2 UN proper shipping name

· DOT, ADR, ADN, IMDG, IATA Not Regulated

14.3 Transport hazard class(es)

· DOT, ADR, ADN, IMDG, IATA Not Regulated

14.4 Packing group

· DOT, ADR, IMDG, IATA Not Regulated

14.5 Environmental hazards:

· Marine pollutant: No

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code Not applicable.

Section 15: Regulatory Information

15.1 Inventory Status

UNITED STATES (TSCA)	Y
CANADA (DSL)	Y

EUROPE (EINECS/ELINCS)	Y
AUSTRALIA (AICS)	Y
JAPAN (MITI)	Y
SOUTH KOREA (KECL)	Y

Y = All ingredients are on the inventory.

E = All ingredients are on the inventory or exempt from listing.

P = One or more ingredients fall under the polymer exemption or are on the no longer polymer list. All other ingredients are on the inventory or exempt from listing.

N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing.

15.2 Chemical Safety Assessment

No additional information available.

Section 16: Transport Information

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Revised Sections or Basis for Revision:	Initial
Guide to Abbreviations:	

ACGIH = American Conference of Governmental Industrial Hygienists; CASRN = Chemical Abstracts Service Registry Number; CEILING = Ceiling Limit (15 minutes); CERCLA = The Comprehensive Environmental Response, Compensation, and Liability Act; EPA = Environmental Protection Agency; GHS = Globally Harmonized System; IARC = International Agency for Research on Cancer; INSHT = National Institute for Health and Safety at Work; IOPC = International Oil Pollution Compensation; LEL = Lower Explosive Limit; NE = Not Established; NFPA = National Fire Protection Association; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; PEL = Permissible Exposure Limit (OSHA); SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit (15 minutes); TLV = Threshold Limit Value (ACGIH); TWA = Time Weighted Average (8 hours); UEL = Upper Explosive Limit; WHMIS = Worker Hazardous Materials Information System (Canada)

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