



## Maximum Strength Drain Opener

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Maximum Strength Drain Opener  
**Product Code(s):** PFDO-64, PFDO-128  
**Other means of Identification:**  
**Recommended Use:** Cleaner/Drain Opener

<b>Manufacturer/Marketer:</b> P.F. Harris Manufacturing Company, LLC P.O. Box 1922 Cartersville, GA 30120 Email: <a href="mailto:info@pfharris.com">info@pfharris.com</a> <a href="http://www.pfharris.com">www.pfharris.com</a>	<b>Customer Service:</b> 1-800-637-0317 Monday-Friday, 9am – 5pm EST  <b>Emergency:</b> National Poison Control: 1-800-222-1222 24 hour Emergency Telephone: 1-800-255-3924
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### SECTION 2. HAZARDS IDENTIFICATION

**OSHA Regulatory Status:**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**HAZARDS CLASSIFICATION:**

Acute Toxicity; Oral – Category 4  
Skin Corrosion – Category 1B  
Eye Damage - Category 1

**SIGNAL WORD: DANGER**

**GHS HAZARD PICTOGRAMS:**



**Hazard Statements:** Causes severe skin burns and eye damage. Harmful if swallowed. May be corrosive to metals.

**Chronic/Long Term Effects:** Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc. may be more susceptible to irritating effects

**Acute/Potential Health Effects:**

**EYES:** Causes eye burns/damage.

**SKIN:** Causes skin burns.

**INHALATION:** Inhalation of mists or vapors may cause irritation to upper respiratory tract and mucous membranes.

**INGESTION:** May be corrosive to the digestive tract: may cause gastric distress, vomiting, stomach pains.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Chemical Name	CAS Number	WT %
Water	7732-18-5	>75
Sodium Hypochlorite	7681-52-9	10-20
Sodium Hydroxide	1310-73-2	1-10
Sodium Silicate	6834-92-0	<1

The remaining components of this product are non-hazardous or are in small enough quantities as to not to meet thresholds for disclosure. These components contain no substances or impurities which influence the classification of this product.

### SECTION 4. FIRST AID MEASURES

**EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**SKIN:** Rinse skin with plenty of water for 15-20 minutes. Wash clothing before reuse. Get medical attention if irritation persists.

**INHALATION:** Remove affected person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**INGESTION:** DO NOT give any liquid to the person. Do not induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person. Get medical attention.

### SECTION 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use any means suitable for extinguishing surrounding fire.

**SPECIFIC HAZARDS:** In case of fire may decompose to release chlorine, oxides of carbon, toxic fumes, vapors and smoke. Closed containers may explode due to buildup of pressure when exposed to extreme heat.

**SPECIAL PROTECTIVE EQUIPMENT:** Safety glasses, gloves.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Use appropriate personal protective equipment. Avoid contact with eyes, skin and clothing. Contain spills with absorbent materials. Do not flush to storm sewer.

### SECTION 7. HANDLING AND STORAGE

**HANDLING:** Use this product only in a manner consistent with its labeling. Do not mix with any other household cleaners. Avoid contact with skin, eyes, and clothing. Avoid breathing vapors or mists. Use only with adequate ventilation. Do not contaminate water, food or feedstuffs by storage, handling, or disposal. Wash thoroughly after handling.

**STORAGE:** Store only in original container, inaccessible to children and pets. Store away from food and pet-food. Emptied containers may retain product residues.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES	EXPOSURE LIMITS					
	OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name	ppm	mg/m3	ppm	mg/m3	ppm	mg/m3
Sodium Hydroxide (1310-7-2)		2		2		
Sodium Hypochlorite (7681-52-9)		2		2		

**ENGINEERING CONTROLS:** No special controls indicated.

**Eye Protection:** Recommended: safety glasses/face shield

**Skin Protection:** Wear protective gloves and protective clothing Recommended: Rubber gloves

**Respiratory Protection:** Use with adequate ventilation.

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Appearance and Odor:** Clear, colorless to light yellow, bleach/chlorine odor

**pH:** 12.0 – 12.5

**Freezing Point:** 32°F (0°C)

**Boiling Point:** >212°F

(100°C)

**Flash Point:** N/A

**Evaporation Rate (water=**

**1) :** 1

**Flammability:** N/A

**Upper/Lower Explosive limits:** N/A

**Vapor Pressure:** 17 mm Hg at 20°C

**Vapor Density (air=1) (20°C) :** 1

**Specific Gravity (Water=1):** Not determined

**Solubility:** Soluble in water

**Viscosity:** water

## SECTION 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable.

**Conditions to Avoid:** Direct sources of heat.

**Hazardous Decomposition Products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced. In case of fire may decompose to release chlorine, oxides of carbon, toxic fumes, vapors and smoke.

**Incompatible Materials:** Do not mix with any other household cleaners. Avoid strong oxidizers, strong acids, heavy metals, ammonia

## SECTION 11. TOXICOLOGICAL INFORMATION

### Toxicological Data:

Oral LD50 (estimated) : >5,000 mg/Kg

Dermal LD50 (estimated): >2,000 mg/kg

**Eye contact:** Corrosive to eyes

**Skin contact:** Corrosive to skin

**Sensitization:** None known.

**Acute effects:** Harmful if swallowed

**Carcinogenicity:** None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

## SECTION 12. ECOLOGICAL INFORMATION

No adverse impact is expected when used according to label directions.

**Environmental Fate Data; Persistence/Degradation:** No further relevant information available

**Soil Mobility:** No further relevant information available

## SECTION 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

## SECTION 14. TRANSPORT INFORMATION

	DOT Classification	TDG Classification	IMDG	IATA
UN Number	UN3266	UN3266	Not Classified	Not Classified
UN Proper Shipping Name	Corrosive Liquid, Basic, Inorganic, NOS (Sodium Hypochlorite)	Corrosive Liquid, Basic, Inorganic, NOS (Sodium Hypochlorite)	-	-
Transport Hazard Class	8	8	-	-
Packing Group	III	III	-	-
Environmental Hazards	-	-	-	-
Additional Information	*Limited Quantity Exception	*Limited Quantity Exception		

\*See 49CFR 173.154 Class 8 Materials

## SECTION 15. REGULATORY INFORMATION

### US Federal Regulations:

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** The ingredients of this product are listed or exempted from listing because of Low Volume Exemption has been granted in accordance with 40 CFR 723.50

**SARA 302/304 EMERGENCY PLANNING EMERGENCY PLAN:** There are no SARA Title III Section 302 extremely hazardous substances present in this formulation (40 CFR 355).

**SARA 311/312:** Acute Health:  Chronic:  Fire:  Sudden Release of Pressure:  Reactive:

**SARA 313 (Specific Toxic chemical listings):** None

**State and Local Regulations:** Certain states maintain their own ingredient lists which differ slightly from the Federal standards. If indicated under Section 2 of this SDS, states listed below may have regulations on ingredients contained in this product. Check with your state for additional regulations.

**CA Proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986):** This product does not contain any Proposition 65 chemicals.

## SECTION 16. OTHER INFORMATION

**Date of issue/revision:** 08/07/2018

**Version:** 1.3

**Date of previous issue:** 10/27/2017

**Notice to reader:** This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as of the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handles or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractor and customers who will use this product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete.