

# SAFETY DATA SHEET

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT: PFS-743**

Effective date: January 1, 2023

EMERGENCY ASSISTANCE

CHEMTREC 800-424-9300

**MANUFACTURER: PROFESSIONAL FINISHING SYSTEMS INC**

12341 GLADSTONE AVE

SYLMAR, CA 91342

818-365-8888

**PRODUCT APPLICATION:** Product is diluted 2-4 % with water, and used as a cleaner and burnisher in a barrel, vibratory, or centrifugal machine with steel media. This product can also be used with other types of media, or as a dip for mild descaling, or in ultrasonic equipment. For additional information contact Professional Finishing Systems Inc. 818-365-8888.

## SECTION 2: HAZARDOUS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS

**EYE CONTACT:** Prolonged exposure may cause redness, pain and eye damage.

**SKIN CONTACT:** Prolonged exposure may cause redness, skin irritation.

**INHALATION:** Product is non-volatile as packaged. Heating product may irritate mucous Membrane or respiratory tract.

**INGESTION:** If swallowed, product can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**CHRONIC EFFECTS:** No known chronic effects. Product is not considered a sensitizer.

## SECTION 3: COMPOSITION INFORMATION

<u>COMPONENT</u>	<u>CAS #</u>	<u>% COMPOSITION</u>	<u>OSHA HAZARD</u>
Citric Acid	77-92-9	less than 12%	No

NOTE: Product is water-based. Product is a mixture of cleaning agents, surfactants, softeners and inhibitors in an aqueous solution.

## SECTION 4: FIRST AID MEASURES

**EYE CONTACT:** In case of eye contact, immediately rinse eye with copious amount of water. Remove contact lenses and continue rinsing for at least 15 minutes. Consult a physician.

**SKIN CONTACT:** Wash skin thoroughly with water. Remove contaminated clothing and shoes and wash thoroughly before reuse. If irritation persists, consult a physician.

**INHALATION:** If exposed to vapors, remove to fresh air and consult a physician.

NOTE: Product does not cause vapors under normal use.

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**INGESTION:** *Do not induce vomiting! If unconscious, contact emergency personnel!* If conscious, drink plenty of water and consult a physician.

## **SECTION 5: FIRE FIGHTING MEASURES**

**FLAMMABILITY:** Not Flammable

**FLASH POINT:** Not Applicable. Method used: TOC

**EXPLOSIVE LIMITS IN AIR:** Not Applicable

**SPECIAL FIRE FIGHTING PROCEDURES:** Not applicable. Product not flammable. Use appropriate extinguishing media for cause of fire.

**COMBUSTION PRODUCTS:** Oxides of carbon and nitrogen.

## **SECTION 6: SPILL PREVENTION AND REMEDIATION**

**IN CASE PRODUCT IS SPILLED OR RELEASED:** Absorb on sand or clay, and dispose of as solid waste. Remainder can be flushed to drain with large amounts of water.

**WASTE DISPOSAL:** Product contains biodegradable surfactants. Dispose of in accordance with all Federal, State, and Local regulations.

## **SECTION 7: HANDLING AND STORAGE**

**HANDLING:** Avoid contact with eyes, skin or clothing. Avoid breathing vapors or mist. Use with adequate ventilation. May be harmful if swallowed. Do not eat, drink, or smoke in work area. Wash hands thoroughly after use.

**STORAGE:** Store in cool well ventilated area. Avoid excessive heat or cold. Keep container closed. Store in original container away from food or drinks. Exercise caution in recycling or disposing of used container. Check for residual product.

## **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**VENTILATION:** Avoid prolonged breathing of mist or vapors. Use adequate ventilation to prevent symptoms of overexposure.

**RESPIRATORY PROTECTION:** Not required. If ventilation is inadequate, use NIOSH approved respirators.

**EYE PROTECTION:** Use safety glasses. If used in a spray application, wear full face shield.

**SKIN PROTECTION:** Use appropriate cuffed vinyl or rubber gloves.

**EXPOSURE LIMITS:** None established.

## **SECTION 9: PHYSICAL AND CHEMICAL CHARACTERISTICS**

**BOILING POINT:** 200F approx.

**FREEZING/SEPARATION POINT:** 30F/40F

**SPECIFIC GRAVITY:** 1.15

**pH at 2% 4.5 + - .5**

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SOLUBILITY IN WATER: Complete  
VAPOR PRESSURE: Not applicable  
% VOLATILE: 60% (aqueous) approx.  
APPEARANCE AND ODOR: Green non-viscous liquid, mild odor.

pH at 100% 4.5 + - .5  
VOC (wt %) < .1

### **SECTION 10: PHYSICAL HAZARDS (REACTIVITY DATA)**

STABILITY: Stable under normal conditions  
INCOMPATIBILITY (MATERIALS TO AVOID): Strong alkalis and oxidants  
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen  
HAZARDOUS POLYMERIZATION: Will not occur  
CONDITIONS TO AVOID: Temperatures above 120F and below 40F

### **SECTION 11: TOXICOLOGICAL INFORMATION**

PRODUCT NOT CONSIDERED TOXIC!  
ORAL TOXICITY: Unknown  
SKIN TOXICITY: Unknown  
INHALATION TOXICITY: Unknown

### **SECTION 12: ECOLOGICAL INFORMATION**

AQUATIC TOXICITY: Product will adversely affect aquatic organisms. Do not release to surface waters.  
BIODEGRADABILITY: Product is biodegradable.

### **SECTION 13: DISPOSAL INFORMATION**

Product is non hazardous. Dispose of in accordance with Federal, State, and Local regulations. Thoroughly clean empty containers to avoid residues. Typical methods include evaporation and incineration.

### **SECTION 14: TRANSPORTATION INFORMATION**

SHIPPING CLASSIFICATIONS  
DOT: Not Regulated  
IATA: Not Regulated

### **SECTION 15: REGULATORY INFORMATION**

TSCA INVENTORY STATUS: All components of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

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REACH STATUS: Product is reach compliant.

## **SECTION 16: OTHER INFORMATION**

### **H.M.I.S. RATINGS**

Health: 1

Flammability: 0

Reactivity: 0

### **DISCLAIMER**

The information herein is correct to the best of our knowledge to date. The information is intended as a guide for safe handling, use, processing, storage, transportation, disposal, and release of this product, and is not considered to be a warranty or specification. No representation or warranty expressed or implied is made for this product's acceptability or suitability for a particular use. The end user is solely responsible for insuring the suitability of this product for their use.

### **DOCUMENT DATE:**

January 1, 2023