

1 – PRODUCT IDENTIFICATION

PRODUCT NAME:..... FP WASH

PRODUCT USE: General Cleaner

COMPANY:..... CH₂O, Incorporated

8820 Old Hwy. 99 SE, Tumwater, WA 98501

360-943-6063, 800-562-6184, (fax) 360-352-4813, www.ch2o.com

EMERGENCY PHONE: (800) 424-9300 (CHEMTREC)

SDS DATE: 12/4/2023

SHELF LIFE: 12 Months

2 – HAZARDS IDENTIFICATION

GHS HEALTH CLASSIFICATIONS:..... Skin Corrosion (1A) Serious Eye Damage (1) Target Organ Toxicity- Single Exposure (Cat 3, reversible) Respiratory Tract

GHS ENVIRONMENTAL CLASSIFICATIONS:..... This product has not been tested for environmental toxicity as a whole.

GHS PHYSICAL CLASSIFICATIONS: Oxidizing Liquids (2) Substances Corrosive to Metal (1)



GHS SIGNAL WORD: DANGER

GHS HAZARD STATEMENTS:

H272: May intensify fire; oxidizer

H370: Causes damage to organs

H314: Causes severe skin burns and eye damage

H335: May cause respiratory irritation

H290: May be corrosive to metals

GHS PRECAUTIONARY STATEMENTS:

PREVENTION:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P220: Keep/Store away from clothing and other combustible materials.

P221: Take any precaution to avoid mixing with combustibles.

P260: Do not breathe dust/fumes/gas/mist/vapors/spray.

P264: Wash skin thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P234: Keep only in original container.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P271: Use only outdoors or in a well-ventilated area.

P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.

P273: Avoid release to the environment.

RESPONSE:

P301+310+330+331: IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+340, 312: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER if you feel unwell.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P310: Immediately call a POISON CENTER or doctor.

P363: Wash contaminated clothing before reuse.

P370+378: IN case of fire: Use water fog, foam, dry chemical powder, or carbon dioxide to extinguish.

P390: Absorb spillage to prevent material damage.

P308+313: If exposed: Call a POISON CENTER or doctor/physician.

P321: See first aid measures on the SDS.

STORAGE:

P405: Store locked up.

P403+233: Store in a well ventilated place, in a tightly closed container.

P406: Store in a corrosion resistant container, such as HDPE, or use a compatible inner liner.

DISPOSAL:

P501: Dispose of contents/container in accordance with local, state, and federal regulations.

HAZARDS NOT OTHERWISE CLASSIFIED: None known

UNKNOWN TOXICITY STATEMENT: 19.8% of this mixture consists of ingredient(s) of unknown acute inhalation toxicity.

3 – COMPOSITION / INFORMATION ON INGREDIENTS

TRADE SECRET STATEMENT: The specific chemical identity and/or the exact percentage of composition has been withheld as a trade secret.

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER	OSHA-STEL	OSHA-TWA

4 – FIRST-AID MEASURES

EYES: Flush with large amounts of water, lifting upper and lower lids occasionally. Remove contact lenses when/if safe to do so. Continue rinsing for a total of 15 minutes. Get professional medical attention if irritation persists.

SKIN: Remove contaminated clothing; launder before reuse. Flush exposed areas with water for at least 15 minutes. If skin does not feel clean, continue washing until it feels clean. Contact a physician if irritation persists.

INGESTION: Give water to dilute stomach contents. DO NOT induce vomiting; administer additional fluids if vomiting occurs. Contact a physician for further directions. Never give anything by mouth to an unconscious person.

INHALATION: Move victim to fresh air, if safe to do so. If not breathing, administer oxygen. Contact a physician if irritation persists.

5 – FIRE-FIGHTING MEASURES

When responding to a fire involving this product, personal protection equipment must be worn that is appropriate to the chemicals involved in the fire, as well as respiratory protection. If it can be done safely and without risk, stop any release of chemical at the source. Move undamaged containers away from the vicinity of the fire if it can be done safely. Water spray may be used in cooling equipment and containers that have been exposed to heat and/or flame. Avoid spreading burning material with water used for cooling purposes.

FLASHPOINT: >200°F

EXTINGUISHING MEDIA: Foam, Dry Powder, Carbon Dioxide (CO₂), sand, or water spray. Do not use heavy water stream.

SPECIAL FIRE FIGHTING PROCEDURES: Although product is non combustible, it may give off irritating or toxic fumes (or gases) in a fire. Product may cause fire and explosions when in contact with incompatible materials.

UNUSUAL FIRE AND EXPLOSION HAZARDS: This material is an oxidizing agent. Product residues can supply oxygen to stimulate or accelerate combustion of organic or other combustible materials. These fires are difficult to extinguish.

6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES: Only trained personnel equipped with proper protective gear should be permitted in the area. Stop spill at source. Reclaim material if possible for reuse. Containerize contaminated material for disposal. After all visible traces have been removed flush area thoroughly with water.

WASTE: Dispose of all waste in accordance with local, state and federal regulations. Care must be taken when using or disposing of chemical materials and/or their containers to prevent environmental contamination.

7 – HANDLING and STORAGE

HANDLING & STORAGE: This is an acidic product. Eye contact will cause severe irritation with possible burns. Prolonged or repeated skin contact will cause irritation with possible burns. Ingestion will cause damage to the stomach and other tissue contacted. Excessive inhalation of product dust/mist can cause irritation and/or burns to the respiratory system. Wear impervious gloves and safety glasses or goggles when handling product. If vapors are present at or above TLV respiratory protection must be worn. Wear additional protective clothing as necessary to minimize contact with product.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guidelines. When respiratory protection is required, use an approved air-purifying respirator. When exposure guidelines may be greatly exceeded, use an approved positive pressure self-contained breathing apparatus. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

PROTECTIVE CLOTHING: Chemical safety glasses, impervious gloves and an apron. Vapor Respirator.

9 – PHYSICAL / CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE; Color & Odor: .. Colorless; Moderate, pungent

SPECIFIC GRAVITY: 1.13

pH, 1%: 1.0-3.0

SOLUBILITY IN WATER:..... Complete in water.

VOLATILITY (wt. %, incl. H₂O): . >60

10 – STABILITY and REACTIVITY

STABILITY: Stable

HAZARDOUS DECOMP.: None known

INCOMPATIBILITY: Dirt, alkali (lye), organics, leather, paper, wood and heavy metals. Never return product to original container. Do not store near reducing agents, fuels, organic material or other non-compatible materials.

HAZARDOUS REACTIONS: Greatly increases the burning rate of combustible materials. Avoid strong reducing agents, soft metals, heat and bases (unless product has been diluted to less than 1000ppm, then bases may be used to gradually adjust to a pH of less than 9).

11 – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL PROPERTIES: The toxicological properties of this chemical mixture as a whole have not been thoroughly investigated.

LISTED CARCINOGEN: This material does not contain any known or suspected carcinogens.

MEDICAL CONDITION AGGRAVATED: None known

12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE: Any environmental testing of this chemical mixture will be listed below; if no information is listed environmental testing has not been thoroughly investigated.

13 –DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of all waste product and wastes generated from this product in accordance with local, state, and federal regulations. Assume wastes are hazardous unless characterization demonstrates otherwise. Handle empty drums as if they contain chemical residual until they have been thoroughly decontaminated.

14 – TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:OXIDIZING LIQUID, CORROSIVE, NOS

HAZARD TECHNICAL NAME: .HYDROGEN PEROXIDE, ACETIC ACID

HAZARD CLASS:.....5.1

HAZARD CLASS, Subsidiary: 8

UN/NA NUMBER:UN 3098

PACKAGING GROUP :II

15 - REGULATIONS

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

EPA SARA Title III Chemical Listings:

Acute:Yes

Chronic: No

Fire:.....No

Pressure: No

Reactive:Yes

SARA SECTION 313: This product may contain peracetic acid, a toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act and 40 CFR Part 372.

16 – OTHER INFORMATION

HMIS RATING:



Safety Data Sheet

HEALTH: 3, FLAMMABILITY: 0, REACTIVITY: 1, PERSONAL PROTECTION: H

ADDITIONAL INFORMATION: None known