Safety Data Sheet

1 – PRODUCT IDENTIFICATION

PRODUCT NAME: ..... ADJUVANT F
PRODUCT USE: ..... Acidifier, Activator, Water Conditioning Agent
COMPANY: ..... CH_2O, 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: ..... 3/11/2026 **SHELF LIFE:** 2 Years

2 – HAZARDS IDENTIFICATION

GHS HEALTH CLASSIFICATIONS: ..... Serious Eye Damage (1)

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

GHS PHYSICAL CLASSIFICATIONS: ..... None



GHS SIGNAL WORD: **DANGER**

GHS HAZARD STATEMENTS:

H290: May be corrosive to metals
H318: Causes serious eye damage

GHS PRECAUTIONARY STATEMENTS:

PREVENTION:

P234: Keep only in original container.
P264+P265: Wash hands thoroughly after handling. Do not touch eyes.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE:

P305+P354+P338: IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P317: Get emergency medical help.
P390: Collect spillage to prevent material damage.

STORAGE:

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

DISPOSAL:

None

HAZARDS NOT OTHERWISE CLASSIFIED: None known

UNKNOWN TOXICITY STATEMENT: 19.2% of this mixture consists of ingredient(s) of unknown acute 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

P305+P354+P338: IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P317: Get emergency medical help. P390: Collect spillage to prevent material damage.

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 chemical, water spray
SPECIAL FIRE FIGHTING PROCEDURES: None
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

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.

9 – PHYSICAL / CHEMICAL PROPERTIES

PHYSICAL STATE: ..... Liquid
APPEARANCE; Color & Odor: .. Colorless to very light yellow; Mild
pH, 1%: .. .. <2.5
SOLUBILITY IN WATER: ..... Complete in water.
VOLATILITY (wt. %, incl. H_2O): . 75-85

10 – STABILITY and REACTIVITY

STABILITY: Stable
HAZARDOUS DECOMP.: None known
INCOMPATIBILITY: Alkaline Materials. Oxidizing Materials.
HAZARDOUS REACTIONS: None known

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: .....CORROSIVE LIQUID, ACIDIC, ORGANIC, NOS,
HAZARD TECHNICAL NAME: .PHOSPHONIC ACID
HAZARD CLASS:.....8
UN/NA NUMBER:.....UN 3265
PACKAGING GROUP :.....III

15 - REGULATIONS

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

EPA SARA Title III Chemical Listings:

Acute: .....Yes
Fire:.....No
Reactive: .....No
Chronic: ..... No
Pressure: ..... No

SARA SECTION 313: This product DOES NOT contain 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:
HEALTH: 2, **FLAMMABILITY:** 0, **REACTIVITY:** 0, **PERSONAL PROTECTION:** C

ADDITIONAL INFORMATION: None known