Safety Data Sheet

1 – PRODUCT IDENTIFICATION

PRODUCT NAME: ..... ADJUVANT DW
PRODUCT USE: ..... Acidifier, Activator
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: ..... 3/19/2026 **SHELF LIFE:** 2 Years

2 – HAZARDS IDENTIFICATION

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

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:

H314: Causes severe skin burns and eye damage
H335: May cause respiratory irritation

GHS PRECAUTIONARY STATEMENTS:

PREVENTION:

P260: Do not breathe dust/fumes/gas/mist/vapors/spray.
P264: Wash skin thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE:

P301+330+331: IF SWALLOWED: 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: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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.

STORAGE:

P405: Store locked up.
P403+233: Store in a well ventilated place, in a tightly closed container.

DISPOSAL:

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

HAZARDS NOT OTHERWISE CLASSIFIED: None known

UNKNOWN TOXICITY STATEMENT: 0% 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

P301+330+331: IF SWALLOWED: 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: IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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.

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: Firefighters should wear appropriate protective equipment including respiratory protection as conditions warrant. Stop spill/release if it can be done without risk. Move undamaged containers from fire area if it can be done without risk. Water spray may be useful in cooling equipment and containers exposed to heat and flame. Avoid spreading burning material with water used for cooling purposes.

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
SPECIFIC GRAVITY:..... 1.05
pH, 1%: .. .. <3.0
SOLUBILITY IN WATER: ..... Complete in water.
VOLATILITY (wt. %, incl. H_2O): . 85-95

10 – STABILITY and REACTIVITY

STABILITY: Stable
HAZARDOUS DECOMP.: None known
INCOMPATIBILITY: Strongly alkaline materials, finely powdered metals, cyanides, nitrogen compounds, alkali halides, oxidizing agents and reducing agents.
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, INORGANIC, NOS,
HAZARD TECHNICAL NAME: .. HYDROCHLORIC ACID
HAZARD CLASS: 8
UN/NA NUMBER: ..... UN 3264
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: 3, **FLAMMABILITY:** 0, **REACTIVITY:** 0, **PERSONAL PROTECTION:** C

ADDITIONAL INFORMATION: None known