

SECTION 1: IDENTIFICATION

Product Name: Hye-Tech CU-ZN
Product Form: Liquid
Product Use: Fertilizers
Product ID: 802118
Supplier: GAR Bennett, LLC
8246 S. Crawford Ave.
Reedley, CA 93654
Work Hours: (559) 638-6311
After Work Hours: (559) 908-9884
www.garbennett.com

TRANSPORTATION EMERGENCY NUMBER: (559) 638-6311

SECTION 2: HAZARD IDENTIFICATION



Hazard Pictogram:

Signal Word: DANGER

Hazard Statements: Causes severer skin burns and eye damage.
Harmful if swallowed or in contact with skin. May be corrosive to metals.

Precautionary Statements:

Prevention: Wear eye/face protection, protective gloves and protective clothing. Do not eat, drink or smoke when using this product. Do not breath dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area.

Response: If swallowed: Rinse your mouth, but do not induce vomiting. Call a medical doctor or Poison Center if you feel unwell.

If in eyes: Rinse cautiously with water for several minutes. Remove any contact lenses, if present and if easy to do. Continue to rinse. If eye irritation persists, get medical advice/attention.

If on skin: Wash with plenty of water. Take off any contaminated clothing and continue to rinse the skin. Wash any contaminated clothing before reuse.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

Storage: KEEP OUT OF REACH OF CHILDREN. Store in a locked container in a well ventilated place. Store only in approved fertilizer containers with the proper product label on it. Do not contaminate water, food or feed by storage or disposal.

Disposal: Dispose of excess material or spilled material by use in a cropping situation. If this is not possible, follow local regulations for disposal of contaminated product or containers.

No known hazards otherwise classified. No data available for acute toxicity.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This information is for a group of substantially similar mixtures and is a Trade Secret.

Phosphoric Acid	7664-38-2	7 – 8 %
Water	7732-18-5	50 – 55%
Copper Sulfate Pentahydrate	7758-99-8	22 – 25%
Liquid Zinc 9%	Blend	11 – 15%

SECTION 4: FIRST-AID MEASURES

Eye Contact:	Immediately flush eyes with water for at least 15 minutes. Remove any contact lenses, if present and if easy to do. Continue to rinse. Immediately call a Poison Center or a Medical Doctor.
Skin Contact:	Immediately remove any contaminated clothing. Wash with plenty of water. If skin irritation continues, get medical advice/attention. Wash any contaminated clothing before reuse.
Inhalation:	Move to fresh air and keep the person comfortable. See medical advise if you feel unwell or symptoms develop and persist.
Ingestion:	Rinse mouth. DO NOT induce vomiting. Call a Poison Center or medical doctor if you feel unwell.

Indication of Immediate Medical Attention and Special Treatment Needed: Provide general supportive measure and treat any symptoms. Keep victim under observation. Symptoms may be delayed.

ALWAYS show this Safety Data Sheet to the doctor in attendance.

SECTION 5: FIRE-FIGHTING MEASURES

This is not a flammable liquid.

Use extinguishing media suitable for underlying causes of the fire.

Use water spray or fog for cooling exposed container.

Do not enter fire area without full protective equipment, including respiratory protection.

Do not contaminate water suppliers, lakes, streams, ponds, drains or sewers with spilled product or fire fighting water run-off.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Avoid inhalation of vapors and spray mist and contact with skin and eyes.

Keep unprotected and unnecessary personnel away from the spill area.

Use proper PPE as indicated in SECTION 8.

Dike all areas to prevent entry to sewers and any public water areas.

Notify local authorities if liquid enters sewers or public water areas.

Pump up any spilled material that is possible and reuse, if uncontaminated.

Return any contaminated material to the GAR Bennett facility for further processing. Absorb any excess liquid with dirt or any other absorbent.

Return the dirt or any absorbent used for clean-up to GAR Bennett for further processing.

SECTION 7: HANDLING AND STORAGE

HANDLING:

- Keep and store in containers approved for fertilizer storage.
- Use proper PPE when handling this liquid fertilizer.
- Avoid inhalation of vapors or spray and any contact with skin or eyes.
- Thoroughly wash any skin areas exposed to the fertilizers.
- Provide good ventilation in any area handling the fertilizer.
- Do not allow this fertilizer to contaminate any lakes, ponds, drains or ditches.

STORAGE:

- Store away from any incompatible materials.
- Keep and store only in properly labeled containers.
- Keep containers closed when not in use.
- Do not transfer any fertilizer into any non-approved container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

There is no PEL/TLV information available for this fertilizer mixture.
During use or transfer operations, do so only in well ventilated areas.

PPE USE:

- Rubber or neoprene impervious gloves.
- Splash-proof goggles or face-shields.
- Impervious apron and footwear.
- Other suitable PPE is allowable to prohibit contact with skin or eyes.
- Emergency skin and eye-wash equipment should be available in the work area.
- Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.
- Always completely wash work clothes and PPE after use, in order to remove any contamination.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark brown to black
Odor:	No odor to slightly pungent
pH:	1.0
Relative Density:	10.93 lbs. per gallon.
Specific Gravity:	1.31
Solubility in Water:	100%

NO INFORMATION OR DATA IS AVAILABLE FOR THE FOLLOWING AREA:

Upper/lower flammability or explosive limits	Viscosity	
Vapor pressure	Odor threshold	Flash point
Melting/freezing point	Initial boiling point and range	
Flammability	Partition coefficient: n-octanol/water	
Auto Ignition temperature	Decomposition temperature	

SECTION 10: STABILITY AND REACTIVITY

This product is stable under normal temperature conditions and recommended uses.

May react with strong oxidants, nitrates, inorganic chlorides, chlorites and perchlorates.

Under conditions of fire, this materials may release ammonia, phosphorous oxides, cyanide compounds and other toxic fumes.

UAN 32 will form urea nitrate when mixed with nitric acid at low pH. Urea nitrate may become unstable and/or explosive under certain conditions.

Hazardous polymerization are not known to occur.

Avoid extremely high temperatures, water reactive materials, strong acids or strong bases.

SECTION 11: TOXICOLOGICAL INFORMATION

Eye contact: May cause irritation up to serious eye damage with contact. Prolonged contact may cause severe damage.

Skin contact: Will cause serious skin damage with contact. Slight contact may cause irritation or a rash.

Inhalation: Vapors and spray mist may irritate the throat and respiratory system and cause coughing.

Ingestion: Will cause burning and organ damage when ingested.

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

No information can be found for the Acute or Chronic Oral, Dermal or Inhalation effects.

SECTION 12: ECOLOGICAL INFORMATION

These products are not classified as environmentally hazardous. However, that does not mean that large or frequent spills of product would not be harmful or damaging to the local environment.

This product is water soluble and will disperse in soil.

SECTION 13: DISPOSAL CONSIDERATIONS

Any waste product that can't be safely used as intended, should be disposed of in accordance with all local, State and Federal regulations.

Disposal recommendations should be determined at the time of disposal and will depend on the characteristics of the material at the time of disposal.

Any container needing to be disposed of, should be rinsed prior to disposal and the rinse water used as the fertilizer Material it is intended to be used.

SECTION 14: TRANSPORT INFORMATION

DOT, IATA, and IMDG



UN 1805

Phosphoric acid solution

8

PG III

SECTION 15: REGULATORY INFORMATION

This product meets the definition of a “Hazardous Chemical” as defined by OSHA in the Hazard Communication Standard, 29, CFR 1910.1200.

National Fire Protection Association Rating:

Health: 3	Fire: 0	Reactivity: 0
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S.A.R.A. Title III Hazard Classification:

Immediate (Acute) Health:	Y
Delayed (Chronic) Health:	Y
Sudden Release of Pressure:	N
Fire:	N
Reactive:	N



WARNING: This product can expose you to chemicals including Arsenic and Lead which are known to the State of California to cause cancer and Cadmium, which is known to the State of California to cause birth defects or other reproductive harm. For additional information go to www.P65Warnings.ca.gov

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Issue Date: March 28, 2016

Date Revised: March 25, 2020

Disclaimer:

GAR Bennett, LLC cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet is correct to the best of Manufacturer's knowledge, information and belief at the date of its publication; however, it is provided only as a guidance for safe handling, use, processing, storage, transportation, disposal and release of the Product. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made with respect to the Product or the information provided herein, or that the Product or information herein may be used without infringing the intellectual property rights of others. The information provided in this Safety Data Sheet relates only to the specific Product designated and may not be valid if the Product is used in combination with other materials or in any other process, unless specified herein. The user assumes all risk and liability for loss, injury, damage or expense due to any use, handling, storage or disposal of the Product, and Manufacturer recommends that the user conducts its own tests of the Product to determine suitability of the Product for user's particular use.