1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** MAYOQUEST 2088

**PRODUCT DESCRIPTION:** Neutralized Phosphonocarboxylic Acids

**PRODUCT CODE:** 32088

**MANUFACTURER**

COMPASS CHEMICAL INTERNATIONAL
5544 Oakdale Road, S.E.
Smyrna, GA 30082

**Customer Service:** 888-962-6296

**24 HR. EMERGENCY TELEPHONE NUMBERS**

CHEMTREC (800) 424-9300
Emergency Phone (888) 962 6296

2. COMPOSITION / INFORMATION ON INGREDIENTS

**COMMENTS:** The composition of this mixture may be proprietary information. In the event of a medical emergency, compositional information will be provided to a physician or nurse.

This product is not hazardous as defined in 29 CFR 1910.1200.

3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Clear, colorless to pale yellow liquid

**IMMEDIATE CONCERNS:** This material is not a significant, immediate concern for emergency response personnel. It presents little or no hazard (if spilled) and no unusual hazard if involved in a fire.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Contact may cause eye irritation.

**SKIN:** Prolonged or repeated contact may irritate.

**INGESTION:** There is no information available to determine whether this material causes harm from swallowing.

**INHALATION:** No hazard in normal industrial use.

**CANCER STATEMENT:** This product (or any component at a concentration of 0.1% or greater) is not listed by the NTP, IARC, OSHA or EPA as a carcinogen.
4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with large amounts of water for at least 15 minutes while frequently lifting the upper and lower eyelids. If irritation persists, get medical attention.

**SKIN:** Immediately wash with large amounts of water; use soap if available. Remove contaminated clothing, including shoes and launder before reusing. If irritation persists, seek medical attention.

**INGESTION:** First aid is normally not required. If symptoms develop, get prompt medical attention.

**INHALATION:** First aid is not likely to be required. If symptoms develop, remove individual to fresh air and get medical attention. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** Nonflammable - Aqueous Solution

**FLAMMABLE LIMITS:** Not Available

**AUTOIGNITION TEMPERATURE:** Not Available

**EXTINGUISHING MEDIA:** Use extinguishing agent suitable for type of surrounding fire.

**FIRE FIGHTING PROCEDURES:** Material will not burn. Containers can build up pressure if exposed to heat (fire). Use water spray to cool fire exposed surfaces and to protect personnel.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce carbon dioxide and carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

**ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** Prevent additional discharge of material, if possible to do so without hazard. As this material is water soluble/dispersible and will sink, it is probably not recoverable. Notify authorities.
LAND SPILL: Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures; for large spills implement cleanup procedures and, if in public area, advise authorities.

GENERAL PROCEDURES: Contain spilled liquid with sand or earth. Recover by pumping or with suitable absorbent.

RELEASE NOTES: Recycle or dispose of recovered material in accordance with all federal, state, and local regulations.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep container closed. Both open and handle containers with care. Store in a cool, well ventilated place away from incompatible materials. Do NOT pressurize, cut, heat, or weld containers. Empty product containers may contain product residue. Do NOT reuse empty containers without commercial cleaning or reconditioning.

STORAGE TEMPERATURE: Ambient

STORAGE PRESSURE: Atmospheric

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Ventilation should be provided to control worker exposures and prevent health risk; and as necessary to reduce, prevent and control aerosol generation.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields.

SKIN: Where contact may occur, wear chemical resistant gloves and long sleeves.

RESPIRATORY: Where overexposure by inhalation may occur and engineering, work practice or other means of exposure reduction are not adequate, approved respirators may be necessary.

OTHER USE PRECAUTIONS: No workplace exposure limits have been established for this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Slight odor
APPEARANCE: Clear
COLOR: Colorless to pale yellow
pH (1% Solution): 9.5 to 11.5
BOILING POINT: > 100ºC (212ºF)  
SOLUBILITY IN WATER: Soluble  
DENSITY: 11.3 – 11.7 lbs/gallon @ 77ºF  
SPECIFIC GRAVITY: 1.35 To 1.40 @ 77ºF

10. STABILITY AND REACTIVITY

STABLE: Yes  
HAZARDOUS POLYMERIZATION: No  
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of phosphorous, and/or carbon. Acid of phosphorous.  
INCOMPATIBLE MATERIALS: Strong mineral acids.

11. TOXICOLOGICAL INFORMATION

ACUTE: DERMAL LD50: >2000 mg/kg (rat)  
ACUTE: ORAL LD50: >5000 mg/kg (rat)

12. ECOLOGICAL INFORMATION

Not expected to cause significant adverse environmental impact if product reaches waterways.  
LC50 – lethal concentration 50% of test species, > 100 mg/l/96 hr, rainbow trout (Oncorhynchus mykiss)  
EC50 - effective concentration 50% of test species, 1000 mg/l/48 hr, Daphnia  
EC50 – effective concentration 50% of test species, > 100 mg/l/72 hr, algae

13. DISPOSAL CONSIDERATIONS

EMPTY CONTAINER: "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.  
RCRA/EPA WASTE INFORMATION: Descard product, as sold, would not be considered a RCRA Hazardous Waste.  
GENERAL COMMENTS: Ensure compliance with local, state, and Federal regulations in disposing of this container, residual contents, or rinsing.
14. TRANSPORT INFORMATION
   THIS PRODUCT IS NOT DOT REGULATED

15. REGULATORY INFORMATION

   UNITED STATES
   INVENTORY ISSUES: This product is listed on TSCA, DSL and other global chemical
   inventories under CAS No. 180513-31-9 or CAS No. 143239-08-1
   SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
   311/312 HAZARD CATEGORIES: Acute Health.
   FIRE: No PRESSURE GENERATING: No REACTIVITY: No ACUTE: Yes
   CHRONIC: No
   CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)
   CERCLA REGULATORY: If this product is accidentally spilled, it is not subject to any
   special reporting under the requirements of the Comprehensive Environmental Response,
   Compensation, and Liability Act (CERCLA). We recommend you contact local authorities to
   determine if there may be other local reporting requirements.
   TSCA (TOXIC SUBSTANCE CONTROL ACT)
   TSCA STATUS: All components of this product are listed on the TSCA Inventory or are
   exempt from TSCA Inventory requirements.
   RCRA STATUS: Discarded product, as sold, would not be considered a RCRA Hazardous Waste
   CANADA INGREDIENT DISCLOSURE LIST: This product, or its components, are listed on or
   are exempt from the Canadian Domestic Substance List (DSL).
16. OTHER INFORMATION

PREPARED BY: EH&S

HMIS RATING | HMIS RATINGS NOTES: | Key
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HEALTH: 1 | This information is for people trained in the National Paint & Coatings Association's (NPCA) Hazardous Materials Identification System (HMIS). | 4 = Severe
FLAMMABILITY: 0 | | 3 = Serious
REACTIVITY: 0 | | 2 = Moderate
PERSONAL PROTECTION: B | | 1 = Slight
| | 0 = Minimal

MANUFACTURER DISCLAIMER: NOTICE: We believe that the information contained on this Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily either all-inclusive or fully adequate in every circumstance. Also, these suggestions should not be confused with or followed in violation of applicable laws, regulation, rules or insurance requirements.

NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE.