1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 32088
Product Name: Mayoquest 2088
Trade Name: Mayoquest 2088
Company Name: Compass Chemical International LLC
5544 Oakdale Road SE
Smyrna, GA  30082

Web site address: www.compasschemical.com
Emergency Contact: Chemtrec
24 Hour (800)424-9300
(404)696-6711

Phone Number: (678)904-4017

Intended Use: Intended for Industrial Use

2. HAZARDS IDENTIFICATION

Skin Sensitization, Category 1
Aquatic Toxicity (Chronic), Category 2

GHS Signal Word: Warning
GHS Hazard Phrases:
H317 - May cause an allergic skin reaction.
H411 - Toxic to aquatic life with long lasting effects.

GHS Precaution Phrases:
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:
P302+352 - IF ON SKIN: Wash with plenty of soap and water.
P321 - Specific treatment see Response/First aid section on this label.
P333+313 - If skin irritation or rash occurs, seek medical advice/attention.
P362+364 - Take off contaminated clothing and wash it before reuse.
P391 - Collect spillage.

GHS Storage and Disposal Phrases:
P501 - Dispose of contents/container in accordance with all federal, state and local regulations.

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.
Potential Health Effects (Acute and Chronic):
Chronic: None.
Inhalation: No hazard expected in normal industrial use.
Skin Contact: May cause allergic skin reaction. May cause skin irritation.
Eye Contact: May cause slight eye irritation. May cause eye injury.
Ingestion: May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Concentration</th>
<th>RTECS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>143239-08-1</td>
<td>Mixture of Tetrasodium Phosphonoethane-1,2-Dicarboxylate and Hexasodium Phosphonobutane -1,2,3,4-Tetracarboxylate</td>
<td>40 %</td>
<td>NA</td>
</tr>
</tbody>
</table>

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GHS format
4. FIRST AID MEASURES

Emergency and First Aid Procedures:
In Case of Inhalation: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If symptoms develop, remove individual to fresh air and get medical attention.
In Case of Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.
In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
In Case of Ingestion: Never give anything by mouth to an unconscious person. Limited information is available to determine whether this material causes harm from swallowing. Get medical attention immediately.

Note to Physician: Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

Flash Pt: NP Method Used: Estimate
Explosive Limits: LEL: N/A UEL: N/A
Autoignition Pt: NP

Suitable Extinguishing Media: Not available.
Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn.

6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures:
No workplace exposure limits have been established for this product.

Environmental Precautions:
Land Spill: Prevent additional discharge of material if possible to do so without hazard. Warn occupants and downwind areas of hazardous material release hazard and request all to stay clear. For small spills implement clean-up procedures, for large spills implement clean-up procedures and, if in a public area, immediately advise authorities. This product is toxic to fish and aquatic organisms. Do not discharge into effluent containing this product into lakes, streams, ponds or estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharging. Do not discharge effluent containing this product to sewer sytems without previously notifying the local sewage treatment plant authority. For guidance call your State Water Board Authority or Regional Office of the EPA.

Steps To Be Taken In Case Material Is Released Or Spilled:
Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: No special handling procedures are required. Keep container closed. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Do NOT reuse empty containers without commercial cleaning or reconditioning.

Precautions To Be Taken in Storing: Store in cool/well-ventilated place.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Partial Chemical Name</th>
<th>OSHA TWA</th>
<th>ACGIH TWA</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>143239-08-1</td>
<td>Mixture of Tetrasodium Phosphonoethane-1,2-Dicarboxylate and Hexasodium Phosphonobutane -1,2,3,4-Tetracarboxylate</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
</tbody>
</table>

**Respiratory Equipment (Specify Type):**
Respirator protection is not normally required.

**Eye Protection:**
Wear chemical splash goggles.

**Protective Gloves:**
Impervious gloves.

**Other Protective Clothing:**
Wear appropriate protective clothing to prevent skin exposure.

**Engineering Controls (Ventilation etc.):**
Use with adequate ventilation.

**Work/Hygienic/Maintenance Practices:**
Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:**
[ ] Gas  [ X ] Liquid  [ ] Solid

**Appearance and Odor:**
Clear, colorless to pale yellow liquid. Faint odor.

**Melting Point:**
NA

**Boiling Point:**
100.0 C (212.0 F)

**Decomposition Temperature:**
NA

**Autoignition Pt:**
NP

**Flash Pt:**
NP  Method Used: Estimate

**Explosive Limits:**
LEL: N/A  UEL: N/A

**Specific Gravity (Water = 1):**
1.350 - 1.400  at  25.0 C (77.0 F)

**Density:**
~ 11.5

**Bulk density:**
NP

**Vapor Pressure (vs. Air or mm Hg):**
17.5 MM_HG  at  20.0 C (68.0 F)

**Vapor Density (vs. Air = 1):**
NA

**Evaporation Rate:**
NA

**Solubility in Water:**
miscible

**Viscosity:**
1 CP  at  20.0 C (68.0 F)

**pH:**
9.5 - 11.5 1% Soln

**Percent Volatile:**
60.00 % by weight.

**VOC / Volume:**
NP
SAFETY DATA SHEET
Mayoquest 2088

Heat Value: NP
Corrosion Rate: NA
Molecular Formula & Weight: H2O 18.01

10. STABILITY AND REACTIVITY

Stability: Unstable [ ] Stable [ X ]
Conditions To Avoid - Instability: No dangerous reactions are known.
Incompatibility - Materials To Avoid:
Hazardous Decomposition or Byproducts: Oxides of Phosphorus.
Possibility of Hazardous Reactions: Will occur [ ] Will not occur [ X ]
Conditions To Avoid - Hazardous Reactions: No data available.

11. TOXICOLOGICAL INFORMATION

Toxicological Information:
Epidemiology: No data available.
Teratogenicity: No data available.
Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies:
Irritation or Corrosion:
Symptoms related to Toxicological Characteristics:
Chronic Toxicological Effects:
Carcinogenicity/Other Information: CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
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<tbody>
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<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

General Ecological Information: No information available.
Results of PBT and vPvB assessment: No information available.
Persistence and Degradability: No information available.
Bioaccumulative Potential: No information available.
Mobility in Soil: No information available.
13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. TRANSPORT INFORMATION

GHS Classification: Skin Sensitization, Category 1 - Warning! May cause an allergic skin reaction
Aquatic Toxicity (Chronic), Category 2 - Toxic to aquatic life with long lasting effects

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.
DOT Hazard Class: UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.
UN Number: Hazard Class: TDG Classification:

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not Regulated.
UN Number: Hazard Class:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.
UN Number: Hazard Class:

IMDG EMS Page: | IMDG MFAG Number: |

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>S. 302 (EHS)</th>
<th>S. 304 RQ</th>
<th>S. 313 (TRI)</th>
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<td>Mixture of Tetrasodium Phosphonoethane-1,2-Dicarboxylate and Hexasodium Phosphonobutane -1,2,3,4-Tetracarboxylate</td>
<td>No</td>
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This material meets the EPA 'Hazard Categories’ defined for SARA Title III Sections:

311/312 as indicated:

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<th>Other US EPA or State Lists</th>
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<td>Mixture of Tetrasodium Phosphonoethane-1,2-Dicarboxylate and Hexasodium Phosphonobutane -1,2,3,4-Tetracarboxylate</td>
<td>CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No</td>
</tr>
</tbody>
</table>
Regulatory Information

Statement: Regulatory information provided in this SDS was prepared for this product and is to be used only for the product in its present form. If this material is used as a component in another material or altered in any way, the information in this SDS may no longer be applicable. This document was generated for the purpose of distributing health, safety and environmental data.

16. OTHER INFORMATION

Revision Date: 05/21/2015
Preparer Name: Compass EHS Department
(404)696-6711 4071

Hazard Rating System:

SDS Data Field Acronym Legend:
- NA- Not Available
- NE- Not Established
- NP- Not Applicable
- NR- Not Required
- PR- Proprietary
- TS- Trade Secret.

Company Policy or Disclaimer: MANUFACTURER DISCLAIMER: NOTICE: We believe that the information contained on this 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.

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