Delta Chemical Corp.
The Difference in Water Treatment

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity: DWT 7723

Recommended use of the chemical and restrictions on use:

Supplier: Delta Chemical Corp.
P.O. Box 7430
Metairie, LA 70010

Telephone: (504) 733-0630

Emergency Phone: **CHEMTREC: (800) 424-9300**

SDS Date of Preparation: 02/23/2021

2. HAZARDS IDENTIFICATION

GHS Classification:

Physical	Health	Environment
Not Hazardous	Not Hazardous	Not Hazardous

GHS Label Elements:

None Required

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Water	7732-18-5	50-70%
Non-Hazardous Inorganic Phosphates	Proprietary	30-50%

The exact concentration is being withheld as a trade secret.

4. FIRST AID MEASURES

Eye: Flush victim's eyes with large quantities of water, holding the eyelids apart. Get medical attention if irritation occurs and persists.
Skin: Wash skin thoroughly with soap and water. Get medical attention if irritation develops. Remove and launder clothing before re-use.
Ingestion: Do not induce vomiting unless directed to do so by a medical professional. Rinse mouth with water and give one glass of water to drink. Never give anything by mouth to an unconscious or convulsing person. Get medical attention if symptoms develop.
Inhalation: Remove victim to fresh air. If breathing is difficult or irritation persists, get medical attention.

Most important Symptoms: May cause mild eye irritation. May cause mild skin irritation on prolonged or repeated contact. Inhalation of mists may cause mild mucous membrane and respiratory irritation.

Indication of immediate medical attention/special treatment: Immediate medical attention is generally not required.

5. FIRE FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media: Use media appropriate for surrounding fire. Cool fire exposed containers and structures with water.
Specific hazards arising from the chemical: Aqueous solutions may cause surfaces to be extremely slippery and cause a slip hazard. Thermal decomposition may yield oxides of sodium and phosphorus.
Special Protective Equipment and Precautions for Fire-Fighting Instructions: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing.
Explosion Data (sensitivity to mechanical impact or static discharge): None known.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Evacuate spill area and keep unprotected personnel away. Wear appropriate protective clothing as described in Section 8. Aqueous solutions may cause surfaces to be extremely slippery and cause a slip hazard.

Methods and Materials for Containment and Cleaning Up: Dike and collect liquid or absorb with an inert absorbent and place in appropriate containers for disposal. Prevent spill from entering sewers and water courses. Report releases as required by local, state and federal authorities.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with the eyes. Avoid prolonged or repeated skin contact. Avoid breathing mists or aerosols. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use.

Do not reuse containers. Empty containers retain product residues and contaminants that may be hazardous. Follow all SDS precautions when handling empty containers.

Conditions for Safe Storage, Including Any Incompatibilities: Store in a cool, dry, well ventilated area away from incompatible materials. Protect from physical damage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Non-Hazardous Inorganic Phosphates	None Established

Engineering Controls: Use with adequate general or local exhaust ventilation to minimize exposure.
Respiratory Protection: In operations where exposure is excessive or irritation is experienced, a NIOSH approved respirator with dust/mist cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.
Skin Protection: Wear impervious gloves such as rubber or neoprene if needed to avoid prolonged skin contact.
Eye Protection: Safety goggles recommended.

Other: Long-sleeved clothing and long pants recommended to avoid prolonged skin contact. Suitable washing facilities should be available in the work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance And Odor: Clear to slightly turbid, viscous, opaque liquid with a characteristic odor.

Physical State: Liquid	**Odor Threshold:** Not established
Vapor Density: Same as water	**Initial Boiling Point/Range:** >100°C (>212°F)
Solubility In Water: Soluble	**Vapor Pressure:** Same as water
Relative Density: 1.29-1.43	**Evaporation Rate:** Same as water
Melting/Freezing Point: <0°C (<32°F)	**pH:** 4-7
VOC Content: 0%	**Octanol/Water Coefficient:** Not determined
Solubility: Partial	**Decomposition Temperature:** Not determined
Viscosity: Not determined	**Flammability (solid, gas):** Not applicable
Flashpoint: None	**Autoignition Temperature:** Not determined
Flammable Limits: LEL: Not determined	**UEL:** Not determined

10. STABILITY AND REACTIVITY

Reactivity: Not normally reactive
Chemical Stability: Stable under normal storage and handling conditions.
Possibility of Hazardous Reactions: None known.
Conditions to Avoid: None known.
Incompatible Materials: Strong bases, strong oxidizing agents, strong reducing agents.
Hazardous Decomposition Products: When heated to decomposition emits toxic oxides of sodium and phosphorus.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:
Ingestion: Ingestion may cause mucous membrane and gastrointestinal irritation. May cause nausea, vomiting and diarrhea. Large amounts may cause decreased blood pressure, decreased heart rate and coma.
Inhalation: Inhalation of mists may cause mild irritation of the nose throat and upper respiratory tract.
Eye: May cause mild irritation with pain and tearing.
Skin: May cause mild irritation on prolonged or repeated contact.
Sensitization: This material is not known to cause sensitization.
Chronic: None known.
Carcinogenicity: None of the components is listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.
Germ Cell Mutagenicity: None currently known.
Reproductive Toxicity: None currently known.

Numerical Measures of Toxicity:
Non-Hazardous Inorganic Oral rat LD50 – 7100 mg/kg; Dermal rabbit LD50 - >7940 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity:
Non-Hazardous Inorganic Phosphates: 48hr Daphnia magna EC50 - >1000 mg/L; 96hr Bluegill sunfish LC50 – 6400 ng/L; 96hr Rainbow Trout LC50 – 3200 mg/L
Persistence and Degradability: Biodegradation is not applicable to inorganic substances.
Bioaccumulative Potential: No data available
Mobility in Soil: No data available
Other Adverse Effects: None known

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal environmental regulations.

14. TRANSPORT INFORMATION

DOT Hazardous Materials Description:
Proper Shipping Name: Not Regulated
UN Number: None
Hazard Class/Packing Group: None
Labels Required: None

15. REGULATORY INFORMATION

CERCLA: This product is not subject to reporting under CERCLA. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Not Hazardous

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

EPA TSCA Inventory: All of the ingredients in this product are listed on the EPA TSCA Inventory.

CANADA:
Canadian CEPA: All the components of this product are listed on the Canadian DSL.

16. OTHER INFORMATION

NFPA Rating:	Health = 0	Flammability = 0	Instability = 0
HMIS Rating:	Health = 1	Flammability = 0	Physical Hazard = 0

Date of current revision: 02/23/2021
Revision History: Company Name.
Date of previous revision: 02/22/2018 (Revision History: Updated Section 15.)

NOTICE

This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Delta Chemical Corp. shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.