



# SAFETY DATA SHEET

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## 1. IDENTIFICATION

**PRODUCT NAME: TB QUAT DISINFECTANT**

**RECOMMENDED USE:** DISINFECTANT CLEANER

**RESTRICTIONS ON USE:** DO NOT USE IN A MANNER INCONSISTENT WITH THE LABEL.

**LABEL BRAND:** ARRAY

**SDS 200512711T**

**REORDER No. 703559**

**CODE 100964276**

**GORDON FOOD SERVICE** 1300 GEZON PARKWAY SW WYOMING, MI 49509 USA

**MEDICAL EMERGENCY:** 1-866-923-4913 USA

**SPILL EMERGENCY:** 1-800-451-8346 USA

**PRODUCT INFORMATION:** 1-800-968-6474 USA (8 A.M. TO 5 P.M. EST MONDAY TO FRIDAY)

**INTERNET ADDRESS:** GFS.COM

## 2. HAZARD(S) IDENTIFICATION

**CLASSIFICATION:** EYE IRRITATION (CATEGORY 2B)

**LABEL ELEMENTS**

**SIGNAL WORD:** WARNING

**PICTOGRAMS:** HEALTH HAZARD

**HAZARD STATEMENTS:** CAUSES EYE IRRITATION.

**PRECAUTIONARY STATEMENTS:** Avoid contact with eyes, skin or clothing. Wash hands and affected areas thoroughly after handling.

**FIRST AID: IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

**EMERGENCY TELEPHONE:** 1-866-923-4913

**KEEP OUT OF REACH OF CHILDREN.**

**HAZARDS NOT OTHERWISE CLASSIFIED:** Not applicable.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT(S)	CAS #	WEIGHT %
DIETHYLENE GLYCOL BUTYL ETHER	112-34-5	8.00
TETRASODIUM EDTA	64-02-8	1.70
n-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	68391-01-5	0.105
n-ALKYL DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDE	68956-79-6	0.105

**STATE RIGHT TO KNOW:** EPA EXEMPT MIXTURE.

#### 4. FIRST-AID MEASURES

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**IF IN EYES:** RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING FOR AT LEAST 15 MINUTES. IF EYE IRRITATION PERSISTS, GET MEDICAL ATTENTION.

**IF ON SKIN:** WASH WITH PLENTY OF WATER. IF SKIN IRRITATION OCCURS AND PERSISTS, GET MEDICAL ATTENTION.

**IF SWALLOWED:** RINSE MOUTH. IF CONSCIOUS, DILUTE BY DRINKING UP TO A CUPFUL OF MILK OR WATER AS TOLERATED.

**IF INHALED:** REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING.

**EMERGENCY TELEPHONE: 1-866-923-4913**

**MOST IMPORTANT SYMPTOMS / EFFECTS:** CAUSES EYE IRRITATION.

**MEDICAL CONDITIONS AGGRAVATED:** NONE KNOWN.

**NOTE TO PHYSICIAN:** CALL 1-866-923-4913 FOR EXPOSURE MANAGEMENT ASSISTANCE.

#### 5. FIRE-FIGHTING MEASURES

**CHEMICAL HAZARDS:** EYE IRRITATION. NON-FLAMMABLE.

**COMBUSTION PRODUCT HAZARDS:** OXIDES OF CARBON AND OTHER FUMES.

**METHODS:** SELECT EXTINGUISHER AND METHODS BASED ON FIRE SIZE AND TYPE.

**EQUIPMENT:** WEAR SCBA AND FULL PROTECTIVE GEAR AS CONDITIONS WARRANT.

**NFPA RATING:** HEALTH-2/FLAMMABILITY-0/ INSTABILITY-0/SPECIAL HAZARD-N.AP.

**SUITABLE EXTINGUISHERS:** WATER, DRY CHEMICAL, CO2 OR FOAM SUITABLE FOR FIRE.

**UNSUITABLE EXTINGUISHERS:** NO RESTRICTIONS BASED ON CHEMICAL HAZARDS.

#### 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** EVACUATE UNPROTECTED PERSONNEL FROM AREA. SEE SECTION 8. VENTILATE AREA IF NEEDED. BE CAREFUL NOT TO SLIP. WASH THOROUGHLY AFTER CLEAN-UP.

**ENVIRONMENTAL PRECAUTIONS:** PREVENT SPILL FROM ENTERING DRAIN, STORM SEWER OR SURFACE WATERWAY. PREVENT WATER AND SOIL CONTAMINATION.

**CLEAN-UP METHODS:** SMALL SPILLS MAY BE WIPED UP AND RINSED WITH WATER. FOR LARGER SPILLS, DIKE TO CONTAIN. PUMP TO LABELED CONTAINER OR ABSORB SPILLAGE AND SCOOP UP WITH INERT ABSORBENT MATERIAL. AFTER SPILL COLLECTION, RINSE AREA WITH WATER AND FOLLOW WITH NORMAL CLEAN-UP PROCEDURES.

#### 7. HANDLING AND STORAGE

**HANDLING:** FOLLOW ALL LABEL DIRECTIONS. INSTRUCT PERSONNEL ABOUT PROPER USE, HAZARDS, PRECAUTIONS, AND FIRST AID MEASURES. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE. DO NOT TASTE OR SWALLOW. PRODUCT RESIDUE MAY REMAIN ON OR IN EMPTY CONTAINERS. HANDLE CAREFULLY TO AVOID DAMAGING CONTAINER.

**STORAGE:** KEEP CONTAINER CLOSED WHEN NOT IN USE. STORAGE AT AMBIENT TEMPERATURES IN A DRY AREA OUT OF DIRECT SUNLIGHT. PROTECT FROM FREEZING. ROTATE STOCK REGULARLY. KEEP AWAY FROM FOOD AND DRINK. KEEP OUT OF REACH OF CHILDREN.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**EXPOSURE LIMITS:** TETRASODIUM EDTA = NONE

DIETHYLENE GLYCOL BUTYL ETHER = 10 ppm TWA INHALABLE FRACTION AND VAPOR

n-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE = NONE

n-ALKYL DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDE = NONE

**ENGINEERING CONTROLS:** GENERAL ROOM VENTILATION IS TYPICALLY ADEQUATE.  
WASH HANDS AND AFFECTED AREAS THOROUGHLY AFTER HANDLING.**PERSONAL PROTECTION****EYES:** PROTECTIVE EQUIPMENT NOT REQUIRED WITH NORMAL USE.**HANDS:** PROTECTIVE EQUIPMENT NOT REQUIRED WITH NORMAL USE.**RESPIRATORY:** PROTECTIVE EQUIPMENT NOT REQUIRED WITH NORMAL USE.**FEET:** PROTECTIVE EQUIPMENT NOT REQUIRED WITH NORMAL USE.**BODY:** PROTECTIVE EQUIPMENT NOT REQUIRED WITH NORMAL USE.**HYGIENE MEASURES:** HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE. WASH HANDS AND AFFECTED AREAS THOROUGHLY AFTER HANDLING.**9. PHYSICAL AND CHEMICAL PROPERTIES****APPEARANCE:** COLORLESS LIQUID\***ODOR:** LEMON**pH CONCENTRATE:** N.AP.**pH READY-TO-USE:** 12.2**pH @ USE DILUTION:** N.AP.**PHYSICAL STATE:** LIQUID**RELATIVE DENSITY (WATER):** 1.011**SOLUBILITY (WATER):** COMPLETE**VAPOR PRESSURE:** N.AV.**VAPOR DENSITY:** N. AV.**VISCOSITY:** NON-VISCOUS**AUTO-IGNITION TEMPERATURE:** N.AV.**DECOMPOSITION TEMPERATURE:** N.AV.**EXPLOSIVE LIMITS (LEL/UEL):** NONE**EVAPORATION RATE:** N.AV.**FLAMMABILITY (SOLID, GAS):** N.AP.**FLASH POINT:** NONE**INITIAL BOILING POINT/RANGE:** N.AV.**MELTING POINT/FREEZING POINT:** N.AV.**ODOR THRESHOLD:** N.AV.**PARTITION COEFF. (N-OCTANOL/WATER):** N.AV.**OTHER:** \*MAY BE COLORLESS TO PALE YELLOW**10. STABILITY AND REACTIVITY****REACTIVITY:** NO HAZARD.**CHEMICAL STABILITY:** STABLE.**POSSIBILITY OF HAZARDOUS REACTIONS:** NONE KNOWN. WILL NOT POLYMERIZE.**CONDITIONS TO AVOID:** TEMPERATURES BELOW 35°F (1.6°C) OR ABOVE 120°F (49°C).**MATERIALS TO AVOID:** ANIONIC SOAPS AND OTHER CLEANERS. MIX ONLY WITH WATER.**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE UNDER NORMAL CONDITIONS.**11. TOXICOLOGICAL INFORMATION****ROUTES OF EXPOSURE:** EYES, SKIN, INGESTION, INHALATION.**INFORMATION ON ROUTES OF EXPOSURE:** LC50/LD50 DATA NOT AVAILABLE ON MIXTURE.**ACUTE EFFECTS /SYMPTOMS****EYES:** CAUSES EYE IRRITATION. MAY CAUSE DISCOMFORT, REDNESS AND WATERING.**SKIN:** CAUSES MILD SKIN IRRITATION. MAY CAUSE DRY SKIN.**INGESTION:** MAY CAUSE IRRITATION, NAUSEA, VOMITING AND DIARRHEA.**INHALATION:** NO ADVERSE EFFECTS EXPECTED WITH NORMAL USE.**CHRONIC / OTHER EFFECTS:** NO REPORTABLE GERM CELL MUTAGENS, SKIN SENSITIZERS, RESPIRATORY SENSITIZERS, REPRODUCTIVE TOXINS OR ASPIRATION HAZARDS.**SPECIFIC TARGET ORGANS (SINGLE / REPEATED):** NONE KNOWN.**NUMERICAL MEASURES OF TOXICITY:** ACUTE ORAL LD50 (RAT) = ABOVE 5000 MG / KG**CARCINOGENS:** NO REPORTABLE ACGIH, IARC, NTP, OR OSHA CARCINOGENS.

**12. ECOLOGICAL INFORMATION**

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**ENVIRONMENTAL HAZARDS:** This product is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting agency has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Dispose of contents in accordance with all federal, state, and local applicable laws and regulations. See Section 8 for Exposure Controls/Personal Protection to minimize exposure. **Pesticide label disposal information: STORAGE AND DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal. **PESTICIDE STORAGE** - Store in a dry place no lower in temperature than 50°F or higher than 120°F. **PESTICIDE DISPOSAL** - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. **CONTAINER DISPOSAL** – Nonrefillable container. Do not reuse or refill container. Clean container promptly after emptying. Triple rinse as follows: fill container ¼ full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Offer for recycling or reconditioning, if available. If not available, puncture and dispose in a sanitary landfill.

**14. TRANSPORT INFORMATION**

**DOT / IMDG / IATA:** NOT REGULATED

**15. REGULATORY INFORMATION**

**EPA CERCLA RQ:** NO

**EPA REGISTERED:** YES (70627-2-45133) This chemical is a pesticide product registered by the environmental protection agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: **CAUTION.** Causes moderate eye irritation.

**OSHA HAZARDOUS:** YES. SEE SECTION 8 TO MINIMIZE EXPOSURE.

**PHOSPHORUS CONTENT:** 0.00%

**PROPOSITION 65:** NO

**SARA 311/312 HAZARD CATEGORIES:** SEE SECTION 2 FOR GHS HAZARD CLASSES.

**SARA 313 CHEMICALS:** DIETHYLENE GLYCOL BUTYL ETHER

**STATE RIGHT TO KNOW:** EPA EXEMPT

**TSCA INVENTORY STATUS:** ALL COMPONENTS ARE LISTED ON THE INVENTORY.

**USE DILUTION:** READY-TO-USE

**VOC:** 0.013% CALCULATION METHOD USED IS BASED ON CALIFORNIA ARB STANDARD.

**16. OTHER INFORMATION**

**PREPARATION DATE:** 2-2-24 **PREPARED BY:** RC **REVISED SECTION:** 1, 16

**ABBREVIATIONS:** N.AV. = NOT AVAILABLE N.AP. = NOT APPLICABLE

**NOTICE TO READER**

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