



SAFETY DATA SHEET

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1. IDENTIFICATION

PRODUCT NAME: 20% HIGH ACID BOWL CLEANER

RECOMMENDED USE: HIGH ACID DISINFECTANT TOILET BOWL CLEANER

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

LABEL BRAND: ARRAY

SDS 100521H REORDER No. 460524

CODE 4426105

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: SKIN CORROSION (CATEGORY 1B), EYE DAMAGE (CATEGORY 1), CORROSIVE TO METAL (CATEGORY 1), ACUTE ORAL TOXICITY (CATEGORY 4), SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE (CATEGORY 3)

LABEL ELEMENTS

SIGNAL WORD: DANGER

PICTOGRAMS: CORROSION, EXCLAMATION MARK

HAZARD STATEMENTS: CAUSES SEVERE SKIN BURNS AND SERIOUS EYE DAMAGE. MAY BE CORROSIVE TO METALS. HARMFUL IF SWALLOWED. MAY CAUSE RESPIRATORY IRRITATION.

PRECAUTIONARY STATEMENTS: Wear chemical-splash safety goggles, chemical-resistant protective gloves and protective clothing. Avoid contact with eyes, skin and clothing. Do not breathe vapors or mists. Use only outdoors or in a well-ventilated area. Do not eat, drink, or smoke when using this product. Wash hands and affected areas thoroughly after handling. Absorb spillage to prevent material damage. Mix only with water. Do not mix with ammonia, bleach or other chlorinated compounds. Can react to release hazardous gases.

FIRST AID: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN (OR HAIR): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. Wash contaminated clothing before reuse. **IF SWALLOWED:** Rinse mouth. Call a Poison Center or physician if you feel unwell. **Do NOT** induce vomiting. 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. Call a Poison Center or physician if you feel unwell.

START FIRST AID. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

EMERGENCY TELEPHONE: 1-866-923-4913

Storage: Store tightly closed only in original corrosive-resistant plastic container. Store locked up.

Disposal: Dispose of contents in accordance with all federal, state and local applicable laws and regulations.

KEEP OUT OF REACH OF CHILDREN.

HAZARDS NOT OTHERWISE CLASSIFIED: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT(S)	CAS #	WEIGHT %
HYDROCHLORIC ACID	7647-01-0	20.320
OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE	32426-11-2	0.225
DIODECYL DIMETHYL AMMONIUM CHLORIDE	5538-94-3	0.090
DIDEDECYL DIMETHYL AMMONIUM CHLORIDE	7173-51-5	0.135
N-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	68424-85-1	0.300

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 ON SKIN (OR HAIR): TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER FOR AT LEAST 15 MINUTES. WASH CONTAMINATED CLOTHING BEFORE REUSE.

IF SWALLOWED: RINSE MOUTH. CALL A POISON CENTER OR PHYSICIAN IF YOU FEEL UNWELL. **Do NOT induce vomiting.** 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. CALL A POISON CENTER OR PHYSICIAN IF YOU FEEL UNWELL.

START FIRST AID. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

EMERGENCY TELEPHONE: 1-866-923-4913

MOST IMPORTANT SYMPTOMS / EFFECTS: CAUSES SEVERE SKIN BURNS AND SERIOUS EYE DAMAGE. MAY CAUSE BLINDNESS WITHOUT IMMEDIATE FIRST AID. HARMFUL IF SWALLOWED. CAUSES BURNS AND SERIOUS DAMAGE TO MOUTH, THROAT AND STOMACH. CORROSIVE TO ALL BODY TISSUES.

MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN.

NOTE TO PHYSICIAN: CALL 1-866-923-4913 FOR EXPOSURE MANAGEMENT ASSISTANCE. PROBABLE MUCOSAL DAMAGE MAY CONTRAINDIATE THE USE OF GASTRIC LAVAGE.

5. FIRE-FIGHTING MEASURES

CHEMICAL HAZARDS: CORROSIVE. 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-3/FLAMMABILITY-0/ INSTABILITY-0/SPECIAL HAZARD-N.A.P.

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.

WEAR PERSONAL PROTECTION. 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 WIPE 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 INHALATION, INGESTION, AND CONTACT WITH SKIN, EYES AND CLOTHING. DO NOT TASTE OR SWALLOW. REMOVE AND WASH CONTAMINATED CLOTHING AND FOOTWEAR BEFORE REUSE. PRODUCT RESIDUE MAY REMAIN IN EMPTY CONTAINERS. HANDLE CAREFULLY TO AVOID DAMAGING CONTAINER.

STORAGE: STORE TIGHTLY CLOSED ONLY IN ORIGINAL CORROSIVE-RESISTANT PLASTIC CONTAINER. STORE LOCKED UP. STORE 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: HYDROCHLORIC ACID = 2 PPM CEILING (ACGIH), 5 PPM CEILING (OSHA)
 OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE = NONE
 DIOCTYL DIMETHYL AMMONIUM CHLORIDE OCTYL = NONE
 DIDEDECYL DIMETHYL AMMONIUM CHLORIDE = NONE
 ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE = NONE
ENGINEERING CONTROLS: GENERAL ROOM VENTILATION IS TYPICALLY ADEQUATE.

PERSONAL PROTECTION**EYES:** CHEMICAL-SPASH SAFETY GOGGLES.**HANDS:** CHEMICAL-RESISTANT PROTECTIVE GLOVES (RUBBER OR NEOPRENE).**RESPIRATORY:** PROTECTIVE EQUIPMENT NOT REQUIRED WITH NORMAL USE.

NIOSH/MSHA CERTIFIED RESPIRATOR IF EXPOSURE LIMITS ARE EXCEEDED.

BODY/FEET: PROTECTIVE CLOTHING.

HYGIENE MEASURES: HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE. TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE. WASH HANDS AND AFFECTED AREAS THOROUGHLY AFTER HANDLING. PROVIDE SUITABLE FACILITIES FOR QUICK DRENCHING OR FLUSHING OF THE EYES AND BODY IN CASE OF CONTACT OR SPLASH HAZARD.

9. PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE:** OPAQUE PINK LIQUID**ODOR:** CHERRY**pH CONCENTRATE:** BELOW 2.0 (ACIDIC)**pH READY-TO-USE:** N.A.P.**pH @ USE DILUTION:** BELOW 2.0 (ACIDIC)**PHYSICAL STATE:** LIQUID**RELATIVE DENSITY (WATER):** 1.098**SOLUBILITY (WATER):** COMPLETE**VAPOR PRESSURE:** N.A.V.**VAPOR DENSITY:** N. AV.**VISCOOSITY:** NON-VISCOUS**AUTO-IGNITION TEMPERATURE:** N.A.V.**DECOMPOSITION TEMPERATURE:** N.A.V.**EXPLOSIVE LIMITS (LEL/UEL):** N.A.V.**EVAPORATION RATE:** N.A.V.**FLAMMABILITY (SOLID, GAS):** N.A.P.**FLASH POINT:** NONE**INITIAL BOILING POINT/RANGE:** N.A.V.**MELTING POINT/FREEZING POINT:** N.A.V.**ODOR THRESHOLD:** N.A.V.**PARTITION COEFF (N-OCTANOL/WATER):** N.A.V.**OTHER:** N.A.V.**10. STABILITY AND REACTIVITY****REACTIVITY:** MIXING WITH INCOMPATIBLES CAN RELEASE HEAT AND HAZARDOUS GASES.**CHEMICAL STABILITY:** STABLE UNDER NORMAL CONDITIONS.**POSSIBILITY OF HAZARDOUS REACTIONS:** HAZARDOUS POLYMERIZATION WILL NOT OCCUR.**CONDITIONS TO AVOID:** AVOID TEMPERATURES BELOW 35°F (1.6°C) OR ABOVE 120°F (49°C).**MATERIALS TO AVOID:** BASES, BLEACH + METALS. MIX ONLY WITH WATER.**HAZARDOUS DECOMPOSITION PRODUCTS:** OXIDES OF CARBON AND OTHER FUMES.**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:** CORROSIVE TO ALL BODY TISSUES.**EYES:** CAUSES SERIOUS EYE DAMAGE. MAY CAUSE PAIN, REDNESS AND WATERING.**SKIN:** CAUSES SEVERE SKIN BURNS. MAY CAUSE DELAYED PAIN, REDNESS AND BLISTERING.**INGESTION:** HARMFUL IF SWALLOWED. CAUSES BURNS AND SERIOUS DAMAGE TO MOUTH, THROAT AND STOMACH.**INHALATION:** MAY CAUSE IRRITATION AND CORROSIVE EFFECTS TO NOSE, THROAT, AND RESPIRATORY SYSTEM. MAY CAUSE COUGHING AND DIFFICULTY BREATHING.**CHRONIC / OTHER EFFECTS:** NO REPORTABLE GERM CELL MUTAGENS, SKIN SENSITIZERS, RESPIRATORY SENSITIZERS, REPRODUCTIVE TOXINS OR ASPIRATION HAZARDS.**SPECIFIC TARGET ORGANS (SINGLE EXPOSURE):** MAY CAUSE RESPIRATORY IRRITATION.**SPECIFIC TARGET ORGANS (REPEATED EXPOSURE):** NONE KNOWN.**NUMERICAL MEASURES OF TOXICITY:** ATEmix (ORAL-RAT) = 1030 MG / KG**CARCINOGENS:** CONTAINS NO REPORTABLE ACGIH, IARC, NTP, OR OSHA CARCINOGENS.

ENVIRONMENTAL HAZARDS: 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 authority 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: Corrosive Waste (RCRA Class D002).

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:** Open dumping is prohibited. Store in original container in areas inaccessible to children. **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 this container. Clean container promptly after emptying. Triple rinse as follows: Fill container $\frac{1}{4}$ full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT / IMDG: UN1789, HYDROCHLORIC ACID SOLUTION, 8, II, LTD. QTY.

15. REGULATORY INFORMATION

EPA CERCLA RQ: HYDROCHLORIC ACID = 5000 LB

EPA REGISTERED: YES (6836-84-45133) 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: **DANGER:** Corrosive: Causes irreversible eye damage and skin burns. May be fatal if swallowed. Harmful if absorbed through skin or inhaled.

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: NO

STATE RIGHT TO KNOW: EPA EXEMPT

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

USE DILUTION: SEE LABEL. SEE SECTION 8 TO MINIMIZE EXPOSURE FROM SPLASH HAZARD PRIOR TO DILUTION BY WATER IN TOILET BOWL.

VOC: 0.20% CALCULATION METHOD USED IS BASED ON CALIFORNIA ARB STANDARD

16. OTHER INFORMATION

PREPARATION DATE: 2-27-24 **PREPARED BY:** RC **REVISED SECTION:** 16

ABBREVIATIONS: N.AV. = NOT AVAILABLE N.A.P. = NOT APPLICABLE

NOTICE TO READER

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