



SAFETY DATA SHEET

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Aquatene™ 390

SDS No.: Aquatene 390_0721 Date Prepared: 06/18/2018

SECTION 1: IDENTIFICATION

PRODUCT NAME: AQUATENE GM 390

SYNONYMS: GM390-C5, GM390-C55, GM390

PRODUCT USE: LOW FOAMING CLEANER / DEGREASER DESIGNED FOR USE IN PART WASHERS

MANUFACTURED FOR: GRAYMILLS CORPORATION | 2601 S. 25TH AVENUE | BROADVIEW, IL 60155 USA | 773-248-6825

MANUFACTURER: COASTLINE, INC. | 623 MAIN STREET | TOLEDO, OH 43605 | 800-553-3644

EMERGENCY: CHEMTREC | 1-800-424-9300 (within the U.S.) | +1-703-741-5500 (outside of U.S.)
AAPCC Poison Help | 1-800-222-1222

SECTION 2: HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: CAUTION. IRRITANT. This is a clear liquid with a clean odor.

NFPA/HMIS Rating:

Health = 2

Flammability and Special =0

Reactivity =1

GHS LABEL:



POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Mildly irritating

SKIN CONTACT: No adverse effects expected under typical use conditions. Prolonged exposure may cause dryness. Chemically sensitive individuals may experience mild irritation.

INGESTION: May cause stomach or intestinal irritation if swallowed.

INHALATION: No adverse effects expected under typical use conditions. Adequate ventilation should be present for prolonged usages in small, enclosed areas.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS Number	PERCENTAGE RANGE
Water	7732-18-5	<75
Sodium Metasilicate	6834-92-0	<10
Potassium Hydroxide	1310-58-03	<20
Sodium Nitrite	7632-00-0	<1

SECTION 4: FIRST AID MEASURES

ALKALINE PRODUCT

IF INHALED: Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.

IF ON SKIN: If adverse effect occurs, rinse skin with water.

IF IN EYES: Flush with plenty of water. After 5 minutes of flushing, remove contact lenses, if present. Continue flushing for at least 10 more minutes. If irritation persists seek medical attention.

IF INGESTED: May cause upset stomach. Drink plenty of water to dilute.

SECTION 5: FIRE FIGHTING MEASURES

Non-Flammable

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION: Protective Rubber or Nitrile gloves

EYE PROTECTION: Safety Glasses or Goggles suggested

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP: Absorb with inert absorbent, put into container for proper disposal.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING: Do not store in aluminum or copper container. Keep drum closed. Do not mix or contaminate with any other chemical.

STORAGE: Keep container tightly closed. If separation occurs, mix the product for reconstitution.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT VALUES: No components listed with TWO or STEL values under OSHA or ACGIH
Appropriate Engineering Controls: Not applicable.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE CONTACT: Use protective glasses or safety goggles if splashing or spray-back is likely

RESPIRATORY: Use in well-ventilated areas or with local exhaust ventilation

SKIN CONTACT: Use protective Rubber or Nitrile gloves

GENERAL HYGIENE CONSIDERATIONS: Wash thoroughly after handling and before eating or drinking.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Liquid

Boiling Point: ASTM D-1120: 214°F / 102°C

Freezing Point: 32-38°F / 0-3.33 C

Specific Gravity: 1.08

Evaporation Rate: Not Applicable

Vapor Density: Not Determined

pH: 13.8

VOCs: 0.0%

Nutrient Content: Phosphorous 0.0%

Odor: None

Flash Point: ASTM D-93: >212°F

Flammability: Non-flammable

Autoignition: Temperature: Not Applicable

Decomposition: Temperature: Not determined

Water Solubility: 100%

Partial Coefficient: Not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Non-reactive.

CHEMICAL STABILITY: Stable under normal conditions 70 F and 14.7 psig

CONDITIONS TO AVOID: Addition of strong acids, extreme heat and cold.

INCOMPATIBILITY (material to avoid): Avoid cleaning non-ferrous metals like aluminum, brass, copper magnesium, titanium, zinc, etc. All plated parts should be test cleaned for possible chemical reactions.

HAZARDOUS DECOMPOSITION PRODUCTS: Normal products of combustions – CO, CO₂.

SECTION 11: TOXICOLOGICAL INFORMATION

SKIN CORROSION/IRRITATION:	Minimal irritant
EYE DAMAGE:	Minimal irritant
GERM CELL MUTAGENICITY:	No ingredients trigger or classify under this category.
CARCINOGENICITY:	No ingredients trigger or classify under this category.
REPRODUCTIVE TOXICITY:	No ingredients trigger or classify under this category.
STOT-SINGLE EXPOSURE:	No ingredients trigger or classify under this category.
STOT-REPEATED EXPOSURE:	No ingredients trigger or classify under this category.
ASPIRATION HAZARD:	No ingredients trigger or classify under this category.

LIKELY ROUTES OF EXPOSURE

INHALATION:	Overexposure may cause headache.
SKIN CONTACT:	May cause irritation
EYE CONTACT:	May cause minimal eye irritation
INGESTION:	May cause upset stomach

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

No symptoms expected under typical use conditions.

DELAYED AND IMMEDIATE EFFECTS AND OR CHRONIC EFFECTS FOR SHORT-TERM EXPOSURE:

No symptoms expected under typical use conditions.

DELAYED AND IMMEDIATE EFFECTS AND OR CHRONIC EFFECTS FOR LONG-TERM EXPOSURE: Headache, dry skin, or skin irritation may occur.

INTERACTIVE EFFECTS: Not known.

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY: Aquatic Toxicity – Low

PERSISTENCE AND DEGRADABILITY: Readily Biodegradable

Mobility: No data available.

Bioaccumulation: Not applicable.

SECTION 13: DISPOSAL CONSIDERATIONS

UNUSED OR USED LIQUID: May be considered hazardous in your area depending on usage and tonnage of disposal. Check with local, regional, and or national regulations for appropriate methods of disposal.

EMPTY CONTAINERS: May be recycled

Never dispose of used degreasing rinses into lakes, streams, and open bodies of water or storm drains.

SECTION 14: TRANSPORT INFORMATION

U.N. NUMBER: UN 1814
PROPER SHIPPING NAME: Potassium Hydroxide, solution
HAZARD CLASS/DIVISION: 8
LABELING REQUIREMENT: 8
PACKING GROUP: PGII

SECTION 15: REGULATORY INFORMATION

ALL COMPONENTS ARE LISTED ON: TSCA and DSL Inventory.

SARA Title 111: Sections 311/312 – Not applicable.

Sections 313 – Not applicable.

Sections 302 – Not applicable.

STATE RIGHT TO KNOW LISTS: No ingredients listed.

SECTION 16: OTHER INFORMATION

<u>PART NUMBER:</u>	<u>SIZE:</u>
GM390 – C5	5 Gallon Pail
GM390 – C55	55 Gallon Drum
GM390 – Gallon	1 Gallon Bottle

NFPA/ HMIS RATING

HEALTH: 2

FLAMMABILITY: Non-Flammable

REACTIVITY: 1

SPECIAL: None

PREPARED BY: Rob Cotner **UPDATED:** 06/18/2018

To ensure that you have the most current SDS, please check our website www.graymills.com

DISCLAIMER: The information provided with this SDS is furnished in good faith and without warranty of any kind. Personnel handling this material must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of its material and the safety and health of employees and customers. Graymills Corporation/Coastline, Inc. assumes no additional liability or responsibility resulting from the use of, or reliance on this information.