

Acid Q

Phosphoric Acid Quaternary Sanitizer

A broad-spectrum, acid sanitizer, effective as a disinfectant, neutralizer and scale remover. This product will sanitize and disinfect food processing plants, dairies, and other facilities where sanitation control is required. Acid Q is an effective bactericide and virucide in the presence of organic soil. This product can be used as a final step neutralizer and sanitizer in CIP and other operations. Consult product label for a full list of approved uses.

- **Brightens Stainless Steel Surfaces**
- **No Rinse Required**
- **Neutralizes Alkaline Residue & Sanitizes in 1 Step**
- **Removes Milkstone & Hard Water Film**

Usage Directions: Sanitizing Previously Cleaned, Non-Porous Surfaces & Equipment in Food, Beverage, Meat, Poultry, Egg & Seafood Processing Plants: Remove all gross food particles and soil from equipment and surfaces with a good detergent, pre-flush, pre-soak or pre-scrape treatment. Rinse with potable water. Prepare a 200-400 ppm active quaternary solution by adding 1-2 ounces of this product to 4 gallons of water. Sanitize with this solution by wetting all surfaces thoroughly by application of a coarse spray, flooding, immersion or brushing. Allow sanitizer solution to contact surface for at least one minute. Air dry--DO NOT RINSE. See product label for full listing of approved uses.

Safety & Hazards



Wear Protective Eye Glasses, Chemical-Resistant Gloves and Waterproof Apron While Using Acid Q

Consult SDS for Further Safety Precautions

DOT Shipping Name: UN 1805, Phosphoric Acid Solution, 8, PG III

Technical Information:

Appearance: Clear Liquid
Odor: None
pH: <3.0
Foam: Moderate Foam
Shelf Life: 18 mos. from date of manufacturing

Associated Products:

FCC-3, Foaming Chlorinated Detergent With Caustic & Rinse Agents
Multi-Chlor, 12.5% Sodium Hypochlorite Sanitizer
MG 4-Quat, 5th Generation Quaternary Sanitizer & Disinfectant

Acid Q Dilution Guidelines

Usage	Dilution
No-Rinse, Food Contact Sanitizer	1-2 Ounces : 4 Gallons (200-400ppm quat)
Dairy Applications (Milking & Dispensing Equip)	1 Ounce : 4 Gallons (200 ppm)

Titration Kit:

QT-10 and/or Quat
Check 1000, Quaternary Test Strips. See Color Chart on Test Strip Container
MRTK9000-Z, Quaternary Titration. 1 Drop = 10 ppm

Warning: Do Not Mix With Chlorinated Products.

Products Manufactured By:

Morgan • Gallacher, Inc.
SUPERIOR CLEANING PRODUCTS
8707 Millergrove Drive • Santa Fe Springs, CA 90670
(562) 695-1232 • FAX: (562) 699-8953

Product Selection and General Use Chart

Acid Q

General Use: Phosphoric Acid Quaternary Sanitizer

A broad-spectrum, acid sanitizer, effective as a disinfectant, neutralizer and scale remover. This product will sanitize and disinfect food processing plants, dairies, and other facilities where sanitation control is required. Acid Q is an effective bactericide and virucide in the presence of organic soil. This product can be used as a final step neutralizer and sanitizer in CIP and other operations. Consult product label for a full list of approved uses.

Usage Directions: Sanitizing Previously Cleaned, Non-Porous Surfaces & Equipment in Food, Beverage, Meat, Poultry, Egg & Seafood Processing Plants: Remove all gross food particles and soil from equipment and surfaces with a good detergent, pre-flush, pre-soak or pre-scrape treatment. Rinse with potable water. Prepare a 200-400 ppm active quaternary solution by adding 1-2 ounces of this product to 4 gallons of water. Sanitize with this solution by wetting all surfaces thoroughly by application of a coarse spray, flooding, immersion or brushing. Allow sanitizer solution to contact surface for at least one minute. Air dry--DO NOT RINSE. See product label for full listing of approved uses.

Dilution Guidelines

Usage	Dilution
No-Rinse, Food Contact Sanitizer	1-2 Ounces : 4 Gallons (200-400ppm quat)
Dairy Applications (Milking & Dispensing Equip)	1 Ounce : 4 Gallons (200 ppm)

Safety & Hazards



Danger: Keep out of reach of children. Read label before use. Do not get in eyes, on skin, or on clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection. Take any precaution to avoid mixing with alkaline or chlorinated products. Causes severe skin burns and eye damage. Harmful if swallowed. May be corrosive to metals.

Product Class: Acid

Protective Equipment Guide

A			
B			
C			
D			
E			
F			
G			
H			
I			
J			
K			
X	Ask Your Supervisor for Special Handling Instructions		

Wear Protective Eye Glasses, Chemical-Resistant Gloves and Waterproof Apron While Using Acid Q

Attention: Do Not Mix With Chlorinated Products.

Letter of Guarantee

Acid Q

Morgan-Gallacher, Inc. guarantees the product Acid Q complies with the requirements set forth by the USDA FSIS for Nonfood Compounds Category Code D2: Antimicrobial Agents Not Always Requiring A Rinse. The description of Category Code D2 Antimicrobial Agents Not Always Requiring A Rinse is as follows:

Sanitizing solutions may be used on hard non-porous food contact surfaces such as equipment and utensils without a subsequent potable water rinse provided they are formulated in compliance with CFR Title 21, Section 178.1010, and are registered with the U.S. Environmental Protection Agency. The sanitizers must be used under the following conditions:

- a) Such surfaces are thoroughly drained and any collection of liquid removed before contact with food products is made.
- b) The sanitizing solutions are used in accordance with label directions.

Sanitizing solutions described in CFR, Title 21, Section 178.1010 (b), may be used on ceilings, floors, and wall surfaces at concentration considerably higher than those described in CFR, Title 21, Section 178.1010 (c), without a potable water rinse unless such use results in residues which may contaminate food products subsequently processed. The use of antimicrobial solutions or combination cleaner-antimicrobials must be followed by a potable water rinse.

Acid Q is free from undesirable microorganisms and is guaranteed safe and adequate as Category Code: D2 Antimicrobial Agents Not Always Requiring A Rinse when used as directed. This product does not intentionally contain any of the following heavy metals: antimony, arsenic, cadmium, lead, mercury, or selenium. None of the ingredients in this product are considered to be carcinogens, mutagens, teratogens, mineral acids, or odorous unless otherwise specified.

This document serves as a continuing letter of assurance and satisfies the conditions of 21 CFR Section 110.35 and the USDA Sanitation Performance Standards Compliance Guide.

Sincerely,

Original Signed By:

Ida Mariam
VP Technology & Regulatory Affairs

January 21, 2016

Date

Concentration Verification Procedure

Acid Q

Procedure No: Quat1

Procedure Name: Quaternary Test Strips

Test Kit No: QT-10 and/or Quat
Check 1000

Factor: See Color Chart on Test Strip
Container

Purpose:

To estimate ppm of active quaternary ammonia sanitizer

Required Components:

- 1) QT-10 for 0-200 ppm; or
- 2) Quat Check 1000 Test Strips for 0-1000 ppm

Procedure

- 1) The temperature of the test solution should be at room temperature. (Ideally 65°F - 75°F)
- 2) The pH of the solution should be at or below 7.5
- 3) Immerse a strip of the test paper in a still bath of solution. (Solution should not be agitated or moving)
- 4) Keep the test paper immersed in the solution for ten seconds.
- 5) Match the color of the test paper with the color chart.

All of the above conditions must be adhered to. Deviations from the above conditions, such as, elevated temperatures; immersion in an agitating or moving solution, variance in immersion time; or pH of solution above 7.5 may cause erroneous results.



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Concentration Verification Log Sheet

Acid Q

Procedure No: Quat1

Procedure Name: Quaternary Test Strips

Test Kit No: QT-10 and/or Quat
Check 1000

Factor: See Color Chart on Test Strip Container

[illegible]

Concentration Verification Procedure

Acid Q

Procedure No: Quat2

Procedure Name: Quaternary Titration

Test Kit No: MRTK9000-Z

Factor: 1 Drop = 10 ppm

Purpose:

To measure ppm of active quaternary ammonia sanitizer

Required Components:

- 1) 10 mL Vial
- 2) Complexing Agent (MRCO3300)
- 3) Phenolphthalein Solution (MRPH1605)
- 4) Sulfuric Acid 0.5N (MRSA1590)
- 5) Toluidine Blue O Indicator (MRTB3800)
- 6) QAC DT (MRQA3500)

Procedure

- 1) Rinse vial 3 times with solution to be tested.
- 2) Fill vial to the 5 mL mark with sample.
- 3) Add 2 drops of Complexing Agent (MRCO3300). Swirl to mix.
- 4) Add 3 drops of Phenolphthalein Indicator (MRPH1605). Swirl to mix. If the solution stays colorless, go to step 5. If the solution turns pink-red, add Sulfuric Acid 0.5N (MRSA1590) drop-wise while swirling until the sample turns colorless.
- 5) Add 2 drops of Toluidine Blue O Indicator (MRTB3800) and swirl to mix. The sample will turn blue.
- 6) Add QAC DT (MRQA3500) drop-wise while swirling until the sample color changes from blue to purple-pink. Record the number of drops.
- 7) Multiply the number of drops by factor to get ppm.

Acid-Q

Multi-Purpose No-Rinse Acid Cleaner, Food Contact Surface Sanitizer For Dairies and Food Process Areas

Removes Milkstone

ACTIVE INGREDIENTS:

Octyl Decyl Dimethyl Ammonium Chloride.....3.0750%

Didecyl Dimethyl Ammonium Chloride.....1.5375%

Dioctyl Dimethyl Ammonium Chloride.....1.5375%

Alkyl (C14, 50%; C12, 40%; C16, 10%)

dimethyl benzyl ammonium chloride.....4.1000%

INERT INGREDIENTS:.....89.7500%

TOTAL.....100.0000%

EPA REG NO. 10324-67-9152

EPA EST. NO. 9152-CA-1

Lot Number:

Net Contents:

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

See side panel for additional precautionary statements.

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Sold By:

DOT: UN1903, Disinfectant Liquid Corrosive, 8, PG III

Morgan•Gallacher, Inc. 8707 Millergrove Drive • Santa Fe Springs, CA 90670
SUPERIOR CLEANING PRODUCTS (562) 695-1232 • FAX: (562) 699-8953 A13

Acid-Q

PELIGRO: SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS. TRABAJAR CON ESTE PRODUCTO.

DANGER: IF YOU CANNOT READ ENGLISH, ASK YOUR SUPERVISOR TO EXPLAIN THE APPROPRIATE DIRECTIONS FOR USE WITH THIS PRODUCT.

SEE INSERT FOR ADDITIONAL DIRECTIONS FOR USE.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Before using this product, food products and packaging materials must be removed from the room or carefully protected. Do not use to clean or disinfect glassware, utensils, dishes or interior surfaces of appliances.

FOR USE AS A CLEANER/DISINFECTANT IN FOOD PROCESSING PLANTS:

1. For heavily soiled areas, a pre-cleaning step is required. 2. Apply use solution of 1 ounce of this product per 1 gallon of water to non-porous inanimate surface using a cloth, brush, mop, sponge auto scrubber or mechanical spray device and rub. Be sure to clean thoroughly. Do not breathe spray. 3. To disinfect, allow product to remain on surface for 10 minutes. 4. Wipe with clean cloth or towel. Change cloth, sponge, or towels frequently to avoid redeposition of soil. 5. When disinfecting food contact surfaces, preparation, rinse surfaces thoroughly with potable water. This product must not be used to clean the following surfaces: utensils, or interior surfaces of processing equipment. 6. A fresh solution must be prepared at least daily or more often if use solution becomes visibly dirty.

GENERAL DISINFECTANT PERFORMANCE IN NON-MEDICAL FACILITIES

At 1 ounce of this product per 1 gallon of water use level 800 ppm active (or equivalent dilution) and with 10 minute contact time bactericidal according to the AOAC Use Dilution Test method on hard, non-porous inanimate environmental surfaces against: *Staphylococcus aureus*.

FOOD CONTACT SANITIZING DIRECTIONS

Before use as a sanitizer in public eating places, federally inspected meat and poultry plants and dairies, food products and packaging materials must be removed from the room or carefully protected. Prior to application, remove gross food particles and soil by a pre-flush with water. When necessary, presoak. Then thoroughly wash of flush objects with a good detergent or compatible cleaner, followed by a pot wash before application of the sanitizing solution.

FOOD CONTACT SANITIZING PERFORMANCE: At a minimum of 1 and a maximum of 2 ounces of this product per 4 gallons of water, this product eliminates 99.999% of the following bacteria in 60 seconds in 500 ppm hard water calculated as CaCO₃. AOAC Germicidal and Detergent Sanitizing Action of Disinfectants test: *Campylobacter jejuni*, *Escherichia coli*, *Escherichia coli*, *Listeria monocytogenes*, *Salmonella enterica*, *Shigella dysenteriae*, *Shigella flexneri*, *Staphylococcus aureus*, *Yersinia enterocolitica*.

SANITIZING BULK MILK TANKS: Dilute 1 to 2 ounces of this product in 4 gallons of water 200-400 ppm active (or equivalent use dilution) to pre-cleaned, hard, non-porous inanimate environmental surfaces thoroughly wetting surfaces with a cloth, brush, mop, pump or trigger spray device or by immersion. Allow surface to remain wet for at least 60 seconds. Allow sanitized surfaces to drain before contact with food. NO POTABLE WATER RINSE IS ALLOWED. Change cloth, sponge or towels frequently to avoid redeposition of soil. A fresh solution must be prepared at least daily or when use solution becomes visibly dirty. The used sanitizing solution may be reused for sanitizing, but can be reused for other purposes such as cleaning. For mechanical operation, use solution may not be reused for applications.

SANITIZING DAIRY PRODUCT DISPENSING EQUIPMENT: Sanitize by preparing a 200-400 ppm active solution by mixing 1 to 2 ounces of this product per 4 gallons of water. Run this solution through the equipment for a minimum of 60 seconds and allow solution to drain. For removable parts, immerse in 200-400 ppm solution for at least 60 seconds. Let them air dry. To sanitize immobile items, flood them with 400 ppm active sanitizing solution by sponging or spraying for at least 60 seconds and let air dry.

SANITIZING MILKING EQUIPMENT: Preflush, presoak, or prescrape then clean with a compatible detergent and rinse with water. Sanitize milking equipment, pail, inflations, lines and tubing. Sanitize prior to milking operations by preparing a 200-400 ppm solution of this product by mixing 1 to 2 ounces of this product in 4 gallons of water 200-400 ppm active (or equivalent use dilution). Scrub or dip equipment for a minimum of 60 seconds and allow solution to drain prior to the beginning of the milking operation. For piped-in solution, circulate solution through system for a minimum of 1 minute. Allow to drain thoroughly and allow to air dry before use. Do not use with water after treatment.

DIRECTIONS FOR FOOD PROCESSING EQUIPMENT AND DAIRIES

Apply sanitizing solution containing 1-2 ounces of this product per 4 gallons of water (or equivalent use dilution) 200-400 ppm active to hard, non-porous inanimate environmental surfaces thoroughly wetting surfaces with a brush, cloth, mop, sponge, auto scrubber or spray device or by immersion. For spray applications, Spray 6-8 inches from surface. Rub with brush, sponge, or cloth. Do not use on porous surfaces. Allow surface to remain for at least 1 minute. Drain thoroughly before reuse. NO POTABLE WATER RINSE IS ALLOWED. Change towels frequently to avoid redeposition of soil. Change the solution at least daily or more often if use solution becomes visibly dirty.



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ADAS ANTES DE sanitizing solution must not be reused for sanitizing, but can be reused for other purposes such as cleaning. For mechanical operation, use solution may not be reused for sanitizing applications.

BEFORE WORKING FOOD CONTACT SANITIZING DILUTION GUIDE: To prepare a 200, 300 or 400 ppm active quatary solution use the following dilution table. Prepare correct dilution rate based upon the directions below associated with the appropriate use site.

FOOD CONTACT SANITIZING DILUTION CHART

Active Quat Solution	4 Gallons	10 Gallons	20 gallons
200 ppm	1.0 ounce	2.5 ounces	5.0 ounces
300 ppm	1.5 ounces	3.75 ounces	7.5 ounces
400 ppm	2.0 ounces	5.0 ounces	10.0 ounces

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through skin. Harmful if inhaled. Avoid breathing spray mist. Do not get into eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARD

This pesticide 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 authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not mix with oxidizers, anionic soaps and detergents.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

For use on containers up to and including 5 gallons

CONTAINER HANDLING/PESTICIDE STORAGE: Store only in original container. Do not reuse empty container. Store pesticide away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

RESIDUE REMOVAL: Triple rinse as follows: fill the container ¼ full with water and reclose. Agitate vigorously and drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat two more times. Wrap container and put it in trash or offer for recycling if available.

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 Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Non-refillable container. Do not reuse this container to hold materials other than pesticides or diluted pesticides. Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities. Follow Pesticide Disposal instructions.

For use on containers greater than 5 gallons

CONTAINER HANDLING/PESTICIDE STORAGE/CONTAINER DISPOSAL: **Non-refillable container. Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage** sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

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.

RESIDUE REMOVAL INSTRUCTIONS: **To clean the container before final disposal, empty the remaining contents from this container into application equipment. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Follow Pesticide Disposal instructions for rinsate disposal.**

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: MORGAN-013-BULK
Product Name: Acid Q
Company Name: Morgan-Gallacher, Inc.
8707 Millergrove Drive
Santa Fe Springs, CA 90670
Phone Number: +1 (562)695-1232
Emergency Contact: CHEMTREC +1 (800)424-9300

2. HAZARDS IDENTIFICATION

Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 1B
Corrosive To Metals, Category 1
Serious Eye Damage/Eye Irritation, Category 1



GHS Signal Word: **Danger**

GHS Hazard Phrases: H290 - May be corrosive to metals.
H302 - Harmful if swallowed.
H314 - Causes severe skin burns and eye damage.

GHS Precaution Phrases: P102 - Keep out of reach of children.
P103 - Read label before use.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P315 - Get immediate medical advice/attention.
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with plenty of water for 15 minutes.
P315 - Get immediate medical advice/attention.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P315 - Get immediate medical advice/attention.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P315 - Get immediate medical advice/attention.

GHS Storage and Disposal Phrases: P405 - Store locked up.
P501 - Dispose of contents/container in accordance to local, state and federal regulations.

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic):

Inhalation: May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract. Causes chemical burns to the respiratory tract.

Skin Contact: May be harmful if absorbed through the skin. Causes skin burns.

Eye Contact: Causes eye burns. Causes severe eye irritation. May cause painful sensitization to light.

Ingestion: Toxic if swallowed. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
68424-85-1	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	> 5.0 %
32426-11-2	1-Decanaminium, N,N-Dimethyl-N-octyl-, chloride	> 5.0 %
5538-94-3	1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride	> 5.0 %
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	> 5.0 %
64-17-5	Ethyl alcohol	> 5.0 %
9016-45-9	Nonylphenol ethoxylate	> 5.0 %
7664-38-2	Phosphoric acid	>30.0 %

4. FIRST AID MEASURES

Emergency and First Aid

Procedures:

In Case of Inhalation: Remove from exposure and move to fresh air immediately. Get medical aid immediately.

In Case of Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical aid immediately.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

In Case of Ingestion: Rinse mouth with water. Do NOT induce vomiting. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

Signs and Symptoms Of Exposure: Exposure can cause: Nausea, headache, and vomiting.

Note to Physician: Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.

5. FIRE FIGHTING MEASURES

Flash Pt: No data.

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

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. Use water spray to keep fire-exposed containers cool.

Flammable Properties and Hazards: No data available.

6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures:	Use proper personal protective equipment as indicated in Section 8.
Environmental Precautions:	Observe all federal, state, and local environmental regulations.
Steps To Be Taken In Case Material Is Released Or Spilled:	Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid breathing vapors, mist or gas. Evacuate personnel to safe areas.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:	Use with adequate ventilation. Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Wash thoroughly after handling. Use only in a well-ventilated area. Keep container tightly closed. Avoid ingestion and inhalation.
Precautions To Be Taken in Storing:	Store in a cool, dry, well-ventilated area away from incompatible substances. Store in a tightly closed container. Keep container closed when not in use.
Other Precautions:	Handle in accordance with good industrial hygiene and safety practice.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
68424-85-1	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	No data.	No data.	No data.
32426-11-2	1-Decanaminium, N,N-Dimethyl-N-octyl-, chloride	No data.	No data.	No data.
5538-94-3	1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride	No data.	No data.	No data.
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	No data.	No data.	No data.
64-17-5	Ethyl alcohol	PEL: 1000 ppm	TLV: 1000 ppm	No data.
9016-45-9	Nonylphenol ethoxylate	No data.	No data.	No data.
7664-38-2	Phosphoric acid	PEL: 1 mg/m3	TLV: 1 mg/m3 STEL: 3 mg/m3	No data.
Respiratory Equipment (Specify Type):	Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).			
Eye Protection:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Wear chemical splash goggles.			
Protective Gloves:	Wear appropriate protective gloves to prevent skin exposure. Rubber or neoprene gloves.			
Other Protective Clothing:	Wear appropriate protective clothing to prevent skin exposure.			
Engineering Controls (Ventilation etc.):	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.			
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: Pink.
Melting Point: NA
Boiling Point: NA
Autoignition Pt: No data.
Flash Pt: No data.
Explosive Limits: LEL: No data. UEL: No data.
Specific Gravity (Water = 1): 1.16 - 1.18
Density: 9.75
Vapor Pressure (vs. Air or mm Hg): No data.
Vapor Density (vs. Air = 1): No data.
Evaporation Rate: No data.
Solubility in Water: No data.
Percent Volatile: No data.

10. STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: Extremes of temperature and direct sunlight. Incompatible materials.
Incompatibility - Materials To Avoid: Strong oxidizing agents, Strong reducing agents, Strong bases, chlorine.
Hazardous Decomposition or Byproducts: Carbon oxides, nitrogen oxides (NOx), Carbon monoxide, irritating and toxic fumes and gases, Phosphine, oxides of phosphorus, hydrogen gas.
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.
 Mutagenicity: No information available.
 Neurotoxicity: No data available.
 Other Studies: CAS# 1310-73-2
 Acute toxicity, LD50, Oral, Mouse, 5800mg/kg.
 Other information on acute toxicity. Respiratory or skin sensitization: Germ cell mutagenicity. Reproductive toxicity - no data available.
 Specific target organ toxicity -single exposure (Globally Harmonized System) Specific target organ toxicity -repeated exposure (Globally Harmonized System)
 Aspiration hazard.
 CAS# 7173-51-5: 1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride: Acute toxicity, LD50, Oral, Rat, 84.00 MG/KG. Result: Behavioral: Coma. Biochemical:Metabolism (intermediary): Other.
 CAS# 64-17-5: Ethyl alcohol: Acute toxicity, LDLO, Oral, Species: Child, 2.000 GM/KG. Result: Lungs, Thorax, or Respiration:Other changes. Liver: Fatty liver degeneration. Blood:Other changes.
 Acute toxicity, TDLo, Oral, Human, 700.0 MG/KG. Result: Behavioral: Changes in

psychophysiological tests.

CAS# 9016-45-9: Nonylphenol ethoxylate: Acute toxicity, LD50, Skin, Rabbit, > 2000. MG/KG. Result: Lungs, Thorax, or Respiration:Other changes. Gastrointestinal:Nausea or vomiting.

Acute toxicity, LD50, Oral, Rat, 3310. MG/KG. Result: Lungs, Thorax, or Respiration:Dyspnea. Gastrointestinal:Other changes.

CAS# 7664-38-2: Phosphoric acid: Acute toxicity, LD50, Oral, Rat, 1530. MG/KG. Result: Behavioral: Tremor. Behavioral: Convulsions or effect on seizure threshold. Behavioral: Muscle contraction or spasticity.

Standard Draize Test, Skin, Species: Rabbit, 595.0 MG, 24 H. Result: Behavioral: Coma. Vascular: BP lowering not characterized in autonomic section. Lungs, Thorax, or Respiration:Chronic pulmonary edema.

Standard Draize Test, Eyes, Species: Rabbit, 119.0 MG. Result: Lungs, Thorax, or Respiration:Other changes. Musculoskeletal: Other changes.

Irritation or Corrosion: Serious eye damage/eye irritation:

Carcinogenicity/Other Information: Carcinogenicity.
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. CAS# 64-17-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 7664-38-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. ECOLOGICAL INFORMATION

General Ecological Information: Toxicity: no data available.
PBT and vPvB assessment: no data available.
Other adverse effects.
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life. When released to the atmosphere it will photodegrade in hours (polluted urban atmosphere) to an estimated range of 4 to 6 days in less polluted areas. Rainout should be significant.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Observe all federal, state, and local environmental regulations. 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.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Phosphoric acid, liquid.

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: UN1805

Packing Group: III



15. REGULATORY INFORMATION

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

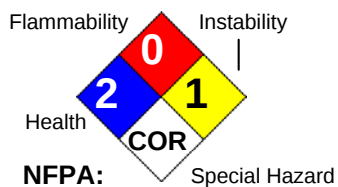
CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	No	No	No
32426-11-2	1-Decanaminium, N,N-Dimethyl-N-octyl-, chloride	No	No	No
5538-94-3	1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride	No	No	No
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	No	No	No
64-17-5	Ethyl alcohol	No	No	No
9016-45-9	Nonylphenol ethoxylate	No	No	No
7664-38-2	Phosphoric acid	No	Yes 5000 LB	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	TSCA: Yes - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
32426-11-2	1-Decanaminium, N,N-Dimethyl-N-octyl-, chloride	TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
5538-94-3	1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride	TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
7173-51-5	1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride	TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
64-17-5	Ethyl alcohol	TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Yes - 0844; NY Part 597: No; PA HSL: Yes - 1
9016-45-9	Nonylphenol ethoxylate	TSCA: Yes - Inventory, 8A PAIR; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
7664-38-2	Phosphoric acid	TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NJ EHS: Yes - 1805; NY Part 597: Yes; PA HSL: Yes - E

16. OTHER INFORMATION

Revision Date: 08/18/2014

Hazard Rating System:



Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

While Morgan-Gallacher believes the statements set forth herein are accurate as of the date hereof, Morgan-Gallacher makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation, and verification.

1. IDENTIFICACIÓN DEL PRODUCTO QUÍMICO Y LA EMPRESA

Código del Producto: MORGAN-013-BULK
Nombre del Producto: Acid Q
Nombre de la Empresa: Morgan-Gallacher, Inc.
8707 Millergrove Drive
Santa Fe Springs, CA 90670

Número De Teléfono:
+1 (562)695-1232

Contacto De la Emergencia: CHEMTREC +1 (800)424-9300

2. IDENTIFICACIÓN DE LOS RIESGOS

Toxicidad aguda por ingestión, Categoría 4
Corrosión/irritación cutáneas, Categoría 1B
Sustancias y mezclas corrosivas para los metales, Categoría 1
Lesiones oculares graves/irritación ocular, Categoría 1



SGA Palabra de advertencia: Peligro

Frases del peligro de SGA: H290 - Puede ser corrosiva para los metales.
H302 - Dañino si es deglutido.
H314 - Provoca graves quemaduras en la piel y lesiones oculares.

Frases de la precaución de SGA: P102 - Mantener fuera del alcance de los niños.
P103 - Leer la etiqueta antes del uso.
P260 - No respirar polvos/humos/gases/nieblas/vapores/aerosoles.
P264 - Lavarse cuidadosamente las manos después de la manipulación.
P280 - Usar guantes /ropa protectora/equipo de protección para los ojos/la cara.

Frases de la respuesta de SGA: P301+330+331 - EN CASO DE INGESTIÓN: Enjuagarse la boca. NO provocar el vómito.
P315 - Buscar asistencia médica inmediata.
P303+361+353 - EN CASO DE CONTACTO CON LA PIEL (o el pelo): Quitar inmediatamente la ropa contaminada. Lavar la piel con agua/ ducharse.
P315 - Buscar asistencia médica inmediata.
P304+340 - EN CASO DE INHALACIÓN: Transportar a la víctima al aire libre y mantenerla en una posición que facilite la respiración.
P315 - Buscar asistencia médica inmediata.
P305+351+338 - EN CASO DE CONTACTO CON LOS OJOS: Lavar con agua cuidadosamente durante varios minutos. Quitar en su caso las lentes de contacto, si puede hacerse con facilidad. Proseguir con el lavado.
P315 - Buscar asistencia médica inmediata.

Frases del almacenaje y de la disposición de SGA: P405 - Guardar bajo llave.
P501 - Eliminar el contenido/recipiente ...

Estado regulador del OSHA: Este material está clasificado como peligroso bajo las regulaciones de la OSHA.

Potenciales efectos en la salud (Agudo o Crónico):

Inhalación:	Puede ser nocivo si se inhala. El material es extremadamente destructivo para los tejidos de las membranas mucosas y las vías respiratorias superiores. El producto químico de las causas quema a las vías respiratorias.
Contacto con la piel:	Puede ser nocivo si es absorbido por la piel. Provoca quemaduras en la piel.
Contacto con los ojos:	Provoca quemaduras en los ojos. Provoca irritación de los ojos grave. Posibilidad de sensibilización dolorosa a la luz.
Ingestión:	Tóxico en caso de ingestión. Podría causar la irritación gastrointestinal con náusea, vomitar y diarrea.

3. COMPOSICIÓN/ INFORMACIÓN SOBRE LOS COMPONENTES

Numeros	Componentes peligrosos [química nombre]	Concentración
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	> 5.0 %
32426-11-2	Cloruro de decildimetiloctilamonio	> 5.0 %
5538-94-3	Cloruro de dimetildioctilamonio	> 5.0 %
7173-51-5	Cloruro de didecildimetilamonio	> 5.0 %
64-17-5	Alcohol etílico	> 5.0 %
9016-45-9	Etoxilato de nonilfenol	> 5.0 %
7664-38-2	El ácido fosfórico	>30.0 %

4. MEDIDAS EN PRIMEROS AUXILIOS**Procedimientos de Emergencia y Primeros Auxilios:**

En caso de inhalación:	Quite de la exposición y del movimiento al aire fresco inmediatamente. Consiga la ayuda médica inmediatamente.
En caso de contacto con la piel:	Limpie la piel con un chorro de agua con el un montón de 15 minutos del agua por lo menos mientras que quita la ropa contaminada y los zapatos. Lave la ropa antes de la reutilización. Consiga la ayuda médica inmediatamente.
En caso de contacto con los ojos:	Ojos rasantes con el un montón de 15 minutos del agua por lo menos , de vez en cuando levantando los párpados superiores y más bajos. Quitar las lentes de contacto, si lleva y resulta fácil. Seguir aclarando. Buscar asistencia médica inmediata.
En caso de ingestión:	Enjuague la boca con agua. NO provocar el vómito. Si la víctima es completamente consciente, dé una copa de agua. Nunca debe administrarse nada por la boca a una persona inconsciente. Buscar asistencia médica inmediata.
Signos y Síntomas de la exposición:	La exposición puede provocar: Náuseas, cefalea y vómitos.
Informe para el médico:	Convite sintomático y de apoyo. Mostrar esta ficha de seguridad al doctor que esté de servicio.

5. MEDIDAS DE LUCHA CONTRA INCENDIOS

Punto de encendido:	No información
Límites de explosión:	LEI: No información LES: No información
Punto de Auto-Ignición:	No información
Medios Que extinguen Convenientes:	Para incendios, aplicar desde una larga distancia. Abundante agua pulverizada o spray. Enfriar todos los contenedores afectados con abundante agua.
Instrucciones para combatir el fuego:	Como en cualquier fuego, use un aparato respiratorio autónomo en presión-exigen, MSHA/NIOSH (aprobado o equivalente), y engranaje protector lleno. Utilice el aerosol de agua para mantener los envases fuego-expuestos frescos.
Propiedades y riesgos de materiales inflamables:	No disponible

6. MEDIDAS CONTRA FUGAS ACCIDENTALES

Precauciones protectoras, equipo protector y procedimientos de emergencia:	Use el equipo de protección personal adecuado que se indica en la Sección 8.
Precauciones ambientales:	Observar todos los reglamentos estatales y locales sobre la protección del medio ambiente.
Pasos a ser tomados en cuenta en caso de que material se fugue o derrame:	Absorba el derramamiento con el material inerte (e.g. vermiculita, arena o tierra), después colóquelo en envase conveniente. Evitar respirar los vapores, la neblina o el gas. Evacuar el personal a zonas seguras.

7. MANIPULACIÓN Y ALMACENAMIENTO

Precauciones a ser tomadas en la manipulación:	Usar con ventilación adecuada. Evitar contacto con la piel y los ojos. Evitar la inhalación de vapor o neblina. Lavarse cuidadosamente después de la manipulación. Utilice solamente en un área well-ventilated. Mantenga el envase cerrado firmemente. Evite la ingestión y la inhalación.
Precauciones para ser tomadas en almacenaje:	Almacén en un área fresca, seca, well-ventilated lejos de sustancias incompatibles. Almacenar en un recipiente bien cerrado. Mantenga el envase cerrado cuando es parado.
Otras precauciones:	Manipular de acuerdo con las buenas prácticas de higiene y seguridad industrial.

8. CONTROL DE EXPOSICIÓN / PROTECCIÓN PERSONAL

Numeros	Nombre Químico Parcial	OSHA TWA	ACGIH TWA	Otra Límites
68424-85-1	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	No información	No información	No información
32426-11-2	Cloruro de decildimetiloctilamonio	No información	No información	No información
5538-94-3	Cloruro de dimetildioctilamonio	No información	No información	No información
7173-51-5	Cloruro de didecildimetilamonio	No información	No información	No información
64-17-5	Alcohol etílico	PEL: 1000 ppm	TLV: 1000 ppm	No información
9016-45-9	Etoxilato de nonilfenol	No información	No información	No información
7664-38-2	El ácido fosfórico	PEL: 1 mg/m3	TLV: 1 mg/m3 STEL: 3 mg/m3	No información

Equipo respiratorio (especificar el tipo):	Usar respiradores y componenets testados y aprovados bajo los standards gubernamentales apropiados como NIOSH (EEUU) o CEN (UE)
Protección ocular:	Use las lentes protectoras apropiadas o los anteojos de la seguridad de los productos químicos según lo descrito por las regulaciones de la protección del ojo y de la cara del OSHA en 29 CFR 1910.133 o el estándar europeo EN166. Anteojos químicos del chapoteo del desgaste.
Guantes protectores:	Use los guantes protectores apropiados para prevenir la exposición de piel. Guantes de goma o neopreno.
Otras ropas protectoras:	Use la ropa protectora apropiada para prevenir la exposición de piel.
Medidas de ingeniería [ventilación, etc.]:	Las instalaciones que almacenan o que utilizan este material se deben equipar de una facilidad del colirio y de una ducha de la seguridad. Utilice la ventilación de extractor general o local adecuada para guardar concentraciones aerotransportadas debajo de los límites de exposición permitidos.
Prácticas de trabajo / higiene / mantenimiento:	Manipular con las precauciones de higiene industrial adecuadas, y respetar las prácticas de seguridad.

9. PROPIEDADES FÍSICAS Y QUÍMICAS

Estado físico:	[] Gas [X] Líquido [] Solido
Aspecto y Olor:	Rosa.
Punto de Fusión:	NA
Punto de Ebullición:	NA
Punto de Auto-Ignición:	No información
Punto de encendido:	No información
Límites de explosión:	LEI: No información LES: No información
Gravedad Específica (Agua = 1):	1.16 - 1.18
Densidad:	9.75
Presión de Vapor (vs. Aire o mm Hg):	No información
Densidad de Vapor (vs. Aire = 1):	No información
Indice de evaporación:	No información
Solubilidad en Agua:	No información
Volatibilidad:	No información

10. ESTABILIDAD Y REACTIVIDAD

Estabilidad:	Inestable [] Estable [X]
Condiciones para evitar - Inestabilidad:	Temperaturas extremas y luz directa del sol. Materiales incompatibles.
Incompatibilidad - Materiales para evitar:	Agentes oxidantes fuertes, Agentes extremadamente reductores, Bases fuertes, Cloro.
Peligrosa descomposición o derivados del producto:	Óxidos de carbono, óxidos de nitrógeno (NOx), Monóxido de carbono, humos y gases irritantes y tóxicos, Fosfina, Oxidos de fósforo, gas de hidrógeno.
Posibilidad de reacciones peligrosas:	Sucedará [] No sucedará [X]
Condiciones para evitar - Reacciones Peligrosas:	Sin datos disponibles.

11. INFORMACIÓN TOXICOLÓGICA

Información Toxicológica:	Epidemiología: Sin datos disponibles. Teratogenicidad: Ningunos datos disponibles. Mutagenicidad: Ninguna información disponible. Neurotoxicidad: Sin datos disponibles. Otros Estudios: CAS # 1310-73-2 Toxicidad aguda, DL50, oral, ratón, 5.800 mg/kg. La otra información sobre toxicidad aguda. Sensibilización respiratoria o de piel: Mutagenicidad de la célula de germen. Toxicidad para la reproducción - no hay datos disponibles. Toxicidad específica del órgano de blanco - sola exposición (sistema global armonizado) Toxicidad específica del órgano de blanco - exposición repetida (sistema global armonizado) Peligro por aspiración. CAS# 7173-51-5: Cloruro de didecildimetilamonio: Toxicidad aguda, DL50, Oral, Rata, 84.00 MG/KG. CAS# 64-17-5: Alcohol etílico: Toxicidad aguda, LDLO, Oral, Especie: Niño, 2.000 GM/KG. Toxicidad aguda, TDLo, Oral, Humano, 700.0 MG/KG. CAS# 9016-45-9: Etoxilato de nonilfenol: Toxicidad aguda, DL50, Piel, Conejo, > 2000. MG/KG. Resultado: Pulmones, torax o Respiración: Otras alteraciones. Gastrointestinal: Náuseas o vómitos. Toxicidad aguda, DL50, Oral, Rata, 3310. MG/KG. CAS# 7664-38-2: El ácido fosfórico: Toxicidad aguda, DL50, Oral, Rata, 1530. MG/KG. Prueba estándar de Draize, Piel, Especie: Conejo, 595.0 MG, 24 H. Prueba estándar de Draize, Ojos, Especie: Conejo, 119.0 MG.
Irritación o la corrosión:	Daño de ojo/irritación de ojo serios:
Carcinogenicidad/Otras informaciones:	Carcinogenicidad. IARC: No se identifica ningún componente de este producto, que presente niveles mayores que o el igual a 0,1% como cancerígeno o como carcinógeno potencial por la IARC. NTP: En este producto no se identifica ningún componente, que presente niveles mayores que o iguales a 0.1%, como agente carcinógeno conocido o anticipado por el (NTP) Programa Nacional de Toxicología. No se identifica ningún componente de este producto, que presente niveles mayores que o el igual a 0,1% como cancerígeno o como carcinógeno potencial por la (OSHA) Administración de Salud y Seguridad Ocupacional. CAS# 64-17-5: No enumerado por el apoyo 65 del ACGIH, de la CIRC, del NTP, o del CA. CAS# 7664-38-2: No enumerado por el apoyo 65 del ACGIH, de la CIRC, del NTP, o del CA.
Carcinogenicidad:	NTP No IARC No Regulado por OSHA? No

12. INFORMACIÓN ECOLÓGICA

Información Ecológica:	Toxicidad: ningunos datos disponibles. PBT y gravamen del vPvB: ningunos datos disponibles. Otros efectos nocivos. No se puede excluir un peligro para el medio ambiente en el caso de una manipulación o eliminación no profesional. Nocivo para los organismos acuáticos. Cuando está lanzado a la atmósfera photodegrade sobre las horas (atmósfera urbana contaminada) a un radio de acción estimado de 4 6 días en menos áreas contaminadas. [C1KO (missing text!)]
Persistencia y	Sin datos disponibles.

degradabilidad:

Potencial de bioacumulación: Sin datos disponibles.

Movilidad en el suelo: Sin datos disponibles.

13. CONSIDERACIONES RELACIONADAS A LA ELIMINACIÓN

Método de eliminación los desperdicios: Observar todos los reglamentos estatales y locales sobre la protección del medio ambiente. Los generadores inútiles del producto químico deben determinar si un producto químico desechado está clasificado como desechos peligrosos. Las pautas de los E.E.U.U. EPA para la determinación de la clasificación se enumeran en 40 partes de CFR 261. Además, los generadores inútiles deben consultar el estado y regulaciones locales de los desechos peligrosos para asegurar la clasificación completa y exacta.

14. INFORMACIÓN RELACIONADA AL TRANSPORTE

TRANSPORTE POR TIERRA (US DOT):

DOT Nombre propio del envío: El ácido fosfórico, líquido.

Clase De Peligro (DOT): 8 CORROSIVO

Número UN/NA: UN1805

Grupo del embalaje: III



15. INFORMACIÓN REGLAMENTARIA

Lista de la Ley de Reautorización y Enmiendas de Grandes Reservas(SARA) del 1986

Numeros CAS	Componentes peligrosos [química nombre]	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	No	No	No
32426-11-2	Cloruro de decildimetiloctilamonio	No	No	No
5538-94-3	Cloruro de dimetildiocetilamonio	No	No	No
7173-51-5	Cloruro de didecildimetilamonio	No	No	No
64-17-5	Alcohol etílico	No	No	No
9016-45-9	Etoxilato de nonilfenol	No	No	No
7664-38-2	El ácido fosfórico	No	Sí 5000 LB	No

Numeros CAS	Componentes peligrosos [química nombre]	Otros E.E.U.U. EPA o listas del estado
68424-85-1	Quaternary ammonium compounds,benzyl-C12-16-alkyldimethyl, chlorides	TSCA: Sí - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
32426-11-2	Cloruro de decildimetiloctilamonio	TSCA: Sí - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
5538-94-3	Cloruro de dimetildiocetilamonio	TSCA: Sí - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
7173-51-5	Cloruro de didecildimetilamonio	TSCA: Sí - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
64-17-5	Alcohol etílico	TSCA: Sí - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Sí; MI CMR, Part 5: No; NJ EHS: Sí -

9016-45-9 Etoxilato de nonilfenol

7664-38-2 El ácido fosfórico

0844; NY Part 597: No; PA HSL: Sí - 1

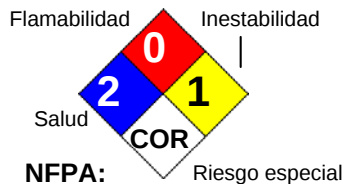
TSCA: Sí - Inventory, 8A PAIR; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No

TSCA: Sí - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Sí; MI CMR, Part 5: Part 5; NJ EHS: Sí - 1805; NY Part 597: Sí; PA HSL: Sí - E

16. OTRAS INFORMACIONES

Fecha de la revisión: 08/18/2014

**Sistema de Estimación del
Riesgo:**



Información adicional acerca de este producto: No disponible

**Política o negación de la
compañía:**

Mientras Morgan-Gallacher cree las declaraciones que figuran en el presente documento son exactas a partir de la fecha del presente, Morgan-Gallacher ofrece ninguna garantía con respecto a la misma y se exime expresamente de toda responsabilidad por relación a lo mencionado. Estos datos se brindan sólo para evaluación, investigación y verificación.