

# Chlor-Bright

## Medium Duty Powdered Detergent with Bleach

Chlor-Bright is a powdered detergent with bleach designed to deliver powerful cleaning action at low concentrations. Chlor-Bright is a blend of alkaline builders, water conditioning agents, soil-suspending agents, dry bleach and biodegradable wetting agents. Chlor-Bright is used for cleaning tubs, trays, and miscellaneous equipment in dairy and meat facilities. Its foaming characteristics make it ideal for use in manual washing applications, bucket-and brush, as well as foam spray. Its controlled alkalinity is excellent for use on softer metals such as aluminum, zinc, and galvanized steel and plastics. Chlor-Bright meets government standards for a USDA A-1 classification.

- High Foaming
- Meets USDA A-1 Standard
- Removes Stains Caused by Mold and Mildew
- Contains Chlorine Bleach
- Effective on Fat, Oil and Grease and Carbohydrates

**Usage Directions:** Dilute Chlor-Bright in a separate container accordance with Dilution Guidelines chart. Chlor-Bright works best with warm water but still remains effective with cold water. Pre-rinse surface with fresh water to remove any macrosoils. Apply Chlor-Bright solution to surface and allow 1 minute to penetrate soils. Scrub surface with a scouring pad or brush to remove difficult soils. Rinse surface with fresh water. Apply MG 4-Quat Fifth-Generation Quaternary Sanitizer.

### Safety & Hazards



Wear Protective Eye Glasses, Chemical-Resistant Gloves and Dust/Mist Mask While Using Chlor-Bright

Consult SDS for Further Safety Precautions

DOT Shipping Name: Not Regulated

### Chlor-Bright Dilution Guidelines

Usage	Dilution
Light Oils and Particulates	1 Ounce : 1 Gallon
Moderate Oil, Fat & Grease	2 Ounces : 1 Gallon
Heavy Oils, Fat, Mold & Mildrew Stains	4 Ounces : 1 Gallon

### Technical Information:

Appearance: Light-Orange Powder  
Odor: Bleach  
pH: >12  
Foam: High Foam

### Associated Products:

FCC-3, Foaming Chlorinated Detergent With Caustic & Rinse Agents  
Special Acid Cleaner, Heavy-Duty Acid Detergent and Descaler  
MG 4-Quat, 5th Generation Quaternary Sanitizer & Disinfectant  
Multi-Chlor, 12.5% Sodium Hypochlorite Sanitizer

Warning: Do Not Mix With Acidic Products. Some Fabrics May Need Special Attention. Always Consult Fabric Manufacturer's Washing Instructions For Proper Care.

Products Manufactured By:



8707 Millergrove Drive - Santa Fe Springs, CA 90670  
(562) 695-1232 - FAX: (562) 699-8953

# Product Selection and General Use Chart

# Chlor-Bright

## General Use: Medium Duty Powdered Detergent with Bleach

Chlor-Bright is a powdered detergent with bleach designed to deliver powerful cleaning action at low concentrations. Chlor-Bright is a blend of alkaline builders, water conditioning agents, soil-suspending agents, dry bleach and biodegradable wetting agents. Chlor-Bright is used for cleaning tubs, trays, and miscellaneous equipment in dairy and meat facilities. Its foaming characteristics make it ideal for use in manual washing applications, bucket-and brush, as well as foam spray. Its controlled alkalinity is excellent for use on softer metals such as aluminum, zinc, and galvanized steel and plastics. Chlor-Bright meets government standards for a USDA A-1 classification.

**Usage Directions:** Dilute Chlor-Bright in a separate container accordance with Dilution Guidelines chart. Chlor-Bright works best with warm water but still remains effective with cold water. Pre-rinse surface with fresh water to remove any macrosoils. Apply Chlor-Bright solution to surface and allow 1 minute to penetrate soils. Scrub surface with a scouring pad or brush to remove difficult soils. Rinse surface with fresh water. Apply MG 4-Quat Fifth-Generation Quaternary Sanitizer.

## Dilution Guidelines

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Moderate Oil, Fat & Grease	2 Ounces : 1 Gallon
Heavy Oils, Fat, Mold & Mildrew Stains	4 Ounces : 1 Gallon

## Safety & Hazards



**Warning:** 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. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life.

**Product Class: Chlorinated**

## 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 Dust/Mist Mask While Using Chlor-Bright**

Attention: Do Not Mix With Acidic Products. Some Fabrics May Need Special Attention. Always Consult Fabric Manufacturer's Washing Instructions For Proper Care.

Products Manufactured By:

**Morgan Gallacher Inc.**  
SUPERIOR CLEANING PRODUCTS

8707 Millergrove Drive • Santa Fe Springs, CA 90670  
(562) 695-1232 • FAX: (562) 699-8953

# Letter of Guarantee

## Chlor-Bright

Morgan-Gallacher, Inc. guarantees the product Chlor-Bright complies with the requirements set forth by the USDA FSIS for Nonfood Compounds Category Code A1: Cleaning Product - General Use. The description of Category Code A1 Cleaning Product - General Use is as follows:

These products are used for general cleaning on all surfaces, or for use with steam or mechanical cleaning devices in all departments. They are typically neutral or mildly alkaline products consisting of any combination of soaps, detergents, wetting agents, emulsifiers, solubilizers, and common inorganic builders.

The following apply to this product as well as all other cleaning products under Category Code A1:

1. All food products and packaging materials shall be removed or carefully protected prior to usage;
2. A potable water rinse is required after use;
3. When used according to manufacturer's instructions, cleaners shall not exhibit a noticeable odor nor leave a visible residue;

Chlor-Bright is free from undesirable microorganisms and is guaranteed safe and adequate as Category Code: A1 Cleaning Product - General Use 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

# Letter of Guarantee

## Chlor-Bright

Morgan-Gallacher, Inc. guarantees the product Chlor-Bright complies with the requirements set forth by the USDA FSIS for Nonfood Compounds Category Code B1: Laundry - Products For Fabrics Contacting Food. The description of Category Code B1 Laundry - Products For Fabrics Contacting Food is as follows:

Products consisting of soaps, synthetic detergents, alkaline builders, or any combination thereof may be acceptable for laundering shrouds or other fabrics used in the plant which may contact meat or poultry products directly or indirectly. Sours consisting of acetic acid, sodium bisulfate or other acceptable acidic materials may be acceptable to neutralize excess alkalinity in all laundered fabrics. Chlorine or oxygen bleaches may be acceptable to remove stains or maintain whiteness of all fabrics. In all cases, a potable water rinse sufficient to remove all added substances from the laundered fabric is required. The use of perfumes or other odorants will exclude a product's use on direct or indirect food contact fabric or shrouds.

Chlor-Bright is free from undesirable microorganisms and is guaranteed safe and adequate as Category Code: B1 Laundry - Products For Fabrics Contacting Food 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, 2015

\_\_\_\_\_  
Date

# Chlor-Bright

## Medium Duty Powdered Detergent with Bleach

- High Foaming
- Meets USDA A-1 Standard
- Removes Stains Caused by Mold and Mildew
- Contains Chlorine Bleach
- Effective on Fat, Oil and Grease and Carbohydrates

Chlor-Bright is a powdered detergent with bleach designed to deliver powerful cleaning action at low concentrations. Chlor-Bright is a blend of alkaline builders, water conditioning agents, soil-suspending agents, dry bleach and biodegradable wetting agents. Chlor-Bright is used for cleaning tubs, trays, and miscellaneous equipment in dairy and meat facilities. Its foaming characteristics make it ideal for use in manual washing applications, bucket-and brush, as well as foam spray. Its controlled alkalinity is excellent for use on softer metals such as aluminum, zinc, and galvanized steel and plastics. Chlor-Bright meets government standards for a USDA A-1 classification.

Net Contents:

Lot No.:

DOT Shipping Name: Not Regulated

## Chlor-Bright Medium Duty Powdered Detergent with Bleach

## Product Class: Chlorinated

**Usage Directions:** Dilute Chlor-Bright in a separate container accordance with Dilution Guidelines chart. Chlor-Bright works best with warm water but still remains effective with cold water. Pre-rinse surface with fresh water to remove any macrosoils. Apply Chlor-Bright solution to surface and allow 1 minute to penetrate soils. Scrub surface with a scouring pad or brush to remove difficult soils. Rinse surface with fresh water. Apply MG 4-Quat Fifth-Generation Quaternary Sanitizer.

Dilution Guidelines	
Usage	Dilution
Light Oils and Particulates	1 Ounce : 1 Gallon
Moderate Oil, Fat & Grease	2 Ounces : 1 Gallon
Heavy Oils, Fat, Mold & Mildew Stains	4 Ounces : 1 Gallon

These Guidelines Serve as Recommended Starting Points For Diluting This Product Only. The Dilution Required For Your Task May Vary. Contact Time, Temperature, Soil Load, and Other Factors Will Determine the Actual Dilution Required. Consult Your Morgan-Gallacher, Inc. Representative for More Specific Dilution Guidelines.

**Do Not Mix With Acidic Products. Some Fabrics May Need Special Attention. Always Consult Fabric Manufacturer's Washing Instructions For Proper Care.**

### Empty Container Storage & Handling

Ensure Compliance with Local, State & Federal Regulations in Disposing of Container, Residual Contents and Rinsings. Drum Containers Must Be Completely Drained, Properly Closed and Promptly Returned to a Drum Reconditioner for Commercial Cleaning.

**This Product Is Intended For Industrial and Institutional Use Only**

**KEEP OUT OF REACH OF CHILDREN**

### Safety & Hazards



Wear Protective Eye Glasses, Chemical-Resistant Gloves and Dust/Mist Mask While Using Chlor-Bright

### Warning

Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life. 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. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection

### GHS Response Phrases

- IF ON SKIN (OR HAIR)** Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
- IF IN EYES** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
- IF INHALED**
- IF SWALLOWED** Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention.

**Consult SDS for Further Safety Precautions**

Products Manufactured By:



8707 Millergrove Drive • Santa Fe Springs • CA 90670  
(562) 695-1232 • FAX: (562) 699-8953

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Code:** MORGAN-046-BULK  
**Product Name:** Chlor-Bright  
**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

**Serious Eye Damage/Eye Irritation, Category 2A**

**Acute Toxicity: Oral, Category 4**

**Aquatic Toxicity (Acute), Category 3**

**Skin Corrosion/Irritation, Category 2**



**GHS Signal Word:** **Warning**

**GHS Hazard Phrases:** H302 - Harmful if swallowed.  
H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H402 - Harmful to aquatic life.

**GHS Precaution Phrases:** P103 - Read label before use. P102 - Keep out of reach of children. P262 - Do not get in eyes, on skin, or on clothing. P260 - Do not breathe dust/fume/gas/mist/vapors/spray. P270 - Do not eat, drink or smoke when using this product. P264 - Wash hands thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**GHS Response Phrases:** P302+352 - IF ON SKIN: Wash with plenty of soap and water.  
P332+313 - If skin irritation occurs, get 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.  
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P315 - Get immediate medical advice/attention.

**GHS Storage and Disposal Phrases:** 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:** Harmful if inhaled. May cause severe irritation of the upper respiratory tract with pain, burns, and inflammation. Inhalation of the dust of sodium dichloroisocyanurate dihydrate may induce bronchospasm. Liberation of chlorine gas in the lungs may cause potentially fatal delayed onset noncardiogenic pulmonary edema.

**Skin Contact:** May be harmful if absorbed through the skin. May cause skin irritation. May cause an allergic reaction in certain individuals.

**Eye Contact:** Contact with eyes may cause severe irritation, and possible eye burns.

**Ingestion:** May be harmful if swallowed. May cause severe digestive tract irritation with abdominal pain, nausea, vomiting and diarrhea. Ingestion of sodium tripolyphosphate can cause violent purging (evacuation of the bowels).

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
497-19-8	Sodium carbonate	<35.0 %
7601-54-9	Sodium phosphate, Tribasic	<15.0 %
NA	Phosphate	<20.0 %
NA	Surfactant	<15.0 %
51580-86-0	Sodium dichloroisocyanurate dihydrate	< 2.0 %

### 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:** In case of contact, flush skin with plenty of water. Get medical aid if irritation develops and persists. Wash clothing before reuse.

**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 medical aid immediately.

**In Case of Ingestion:** Never give anything by mouth to an unconscious person. If victim is conscious and alert, give 15 cupfuls of water. Get medical attention immediately.

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

### 5. FIRE FIGHTING MEASURES

**Flash Pt:** NP

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

**Autoignition Pt:** NA

**Suitable Extinguishing Media:** Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Water is a suitable extinguishing media. Do not use dry chemical extinguisher containing ammonia compounds.

**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. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Flammable Properties and Hazards:** No data available.

No data available.

### 6. ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken In Case Material Is Released Or Spilled:** Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation. Avoid runoff into storm sewers and ditches which lead to waterways.

### 7. HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** Do not ingest or inhale. Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed.

**Precautions To Be Taken in Storing:** Store in a tightly closed container. Keep away from acids. Store in a cool, dry, well-ventilated area away from incompatible substances.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
497-19-8	Sodium carbonate	No data.	No data.	No data.
7601-54-9	Sodium phosphate, Tribasic	No data.	No data.	No data.
NA	Phosphate	No data.	No data.	No data.
NA	Surfactant	No data.	No data.	No data.
51580-86-0	Sodium dichloroisocyanurate dihydrate	No data.	No data.	No data.

- Respiratory Equipment (Specify Type):** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
- 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.
- 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 ventilation to keep airborne concentrations low.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical States:**  Gas  Liquid  Solid
- Appearance and Odor:** orange. Free flowing granules.
- pH:** > 12.0/10%Sol
- Melting Point:** NA
- Boiling Point:** NP
- Flash Pt:** NP
- Evaporation Rate:** NP
- Flammability (solid, gas):** No data available.
- Explosive Limits:** LEL: No data. UEL: No data.
- Vapor Pressure (vs. Air or mm Hg):** NP
- Vapor Density (vs. Air = 1):** NP
- Specific Gravity (Water = 1):** NA
- Density:** NA
- Bulk density:** NA
- Solubility in Water:** 100%
- Saturated Vapor Concentration:** NP
- Percent Volatile:** No data.
- Autoignition Pt:** NA
- Decomposition Temperature:** NA
- Viscosity:** NP



**Particle Size:** NA

## 10. STABILITY AND REACTIVITY

**Stability:** Unstable [  ] Stable [  ]

**Conditions To Avoid - Instability:** Incompatible materials, dust generation, Excess heat, Exposure to moist air or water.

**Incompatibility - Materials To Avoid:** This product can react with chemically reactive metals, such as, aluminum, zinc, magnesium, copper, etc.  
Releases hydrogen gas which forms explosive mixture with air. phosphorus pentoxide, 6-trinitrotoluene. Strong acids, Strong reducing agents, Strong oxidizing agents. organic matter.

**Hazardous Decomposition or Byproducts:** Carbon monoxide, Carbon dioxide, oxides of sulfur, sodium oxide. oxides of phosphorus, Hydrogen chloride, chlorine, Nitrogen oxides, Toxic fumes of sodium oxide.

**Possibility of Hazardous Reactions:** Will occur [  ] Will not occur [  ]

**Conditions To Avoid - Hazardous Reactions:** No data available.

## 11. TOXICOLOGICAL INFORMATION

**Toxicological Information:** Epidemiology: No information found.  
Reproductive Effects: No information found.  
Mutagenicity: No information found.  
Neurotoxicity: No information found.  
Teratogenicity: No data available.

CAS# NA: Surfactant: Acute toxicity, LD50, Oral, Rat, 960.0 - 3980. MG/KG. Result: Blood:Tumors. Immunological Including Allergic: Autoimmune (multiple organ involvement).  
Acute toxicity, LD50, Dermal, Rabbit, 2000. - 2991. MG/KG. Result: Behavioral: Somnolence (general depressed activity). Vascular: BP lowering not characterized in autonomic section. Skin and Appendages: Skin: After topical exposure: Corrosive.  
Acute toxicity, LD50, Inhalation, Rat, 1.150 MG/L, 4 H. Result: Lungs, Thorax, or Respiration:Other changes. Gastrointestinal:Nausea or vomiting.

**Carcinogenicity/Other Information:** CAS# 497-19-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.  
CAS# 7601-54-9: Not listed by ACGIH, IARC, NTP, or CA Prop 65.  
CAS# 51580-86-0: 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:** Environmental: No information available.  
Physical: No information available.

CAS# NA: Surfactant: LC50, Fathead Minnow (*Pimephales promelas*), 3.800 - 6.200 MG/L, 96 H. Result: Affected fish stopped schooling behavior. Affected fish became hyperactive. Fish were overreactive to external stimuli. Affected fish swam at or near surface. No loss of equilibrium observed.  
LC50, Water Flea (*Daphnia magna*), 9.300 - 21.40 MG/L, 48 H. Result: Affected fish stopped schooling behavior. Affected fish became hyperactive. Fish were overreactive to external stimuli. Affected fish swam at or near surface. No loss of equilibrium observed.

**Persistence and Degradability:** No information found.

**Bioaccumulative Potential:** No information found.

**Mobility in Soil:** No information found.

### 13. DISPOSAL CONSIDERATIONS

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

### 14. TRANSPORT INFORMATION

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not Regulated.

**DOT Hazard Class:**

**UN/NA Number:**

### 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)
497-19-8	Sodium carbonate	No	No	No
7601-54-9	Sodium phosphate, Tribasic	No	Yes 5000 LB	No
NA	Phosphate	No	No	No
NA	Surfactant	No	No	No
51580-86-0	Sodium dichloroisocyanurate dihydrate	No	No	No

**CAS # Hazardous Components (Chemical Name)**

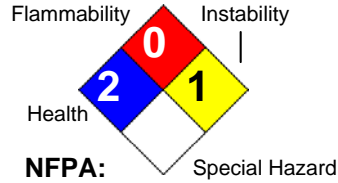
**Other US EPA or State Lists**

497-19-8	Sodium carbonate	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
7601-54-9	Sodium phosphate, Tribasic	TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NJ EHS: Yes - 1724; NY Part 597: Yes; PA HSL: Yes - E
NA	Phosphate	TSCA: No; 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
NA	Surfactant	TSCA: No; 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
51580-86-0	Sodium dichloroisocyanurate dihydrate	TSCA: No; 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: Yes - 1

**16. OTHER INFORMATION**

**Revision Date:** 05/13/2015

**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-046-BULK  
**Nombre del Producto:** Chlor-Bright  
**Nombre de la Empresa:** Morgan-Gallacher, Inc.  
 8707 Millergrove Drive  
 Santa Fe Springs, CA 90670  
**Contato De la Emergencia:** CHEMTREC

**Número De Teléfono:**  
 +1 (562)695-1232  
 +1 (800)424-9300

## 2. IDENTIFICACIÓN DE LOS RIESGOS

**Lesiones oculares graves/irritación ocular, Categoría 2A**  
**Toxicidad aguda por ingestión, Categoría 4**  
**Toxicidad aguda para el medio ambiente acuático, Categoría 3**  
**Corrosión/irritación cutáneas, Categoría 2**



**SGA Palabra de advertencia:** **Atención**

**Frases del peligro de SGA:** H302 - Dañino si es deglutido.  
 Causa irritación de la piel.  
 H319 - Provoca irritación ocular grave.  
 H402 - Nocivo para los organismos acuáticos.

**Frases de la precaución de SGA:** P103 - Leer la etiqueta antes del uso. P102 - Mantener fuera del alcance de los niños.  
 P262 - Evitar todo contacto con los ojos, la piel o la ropa. P260 - No respirar polvos/humos/gases/nieblas/vapores/aerosoles. P270 - No comer, beber o fumar cuando se manipula este producto. 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:** P302+352 - EN CASO DE CONTACTO CON LA PIEL: Lavar con cuidado utilizando agua y jabón abundantes.  
 P332+313 - En caso irritación cutánea, consultar a un médico.  
 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.  
 P301+330+331 - EN CASO DE INGESTIÓN: Enjuagarse la boca. NO provocar el vómito. P315 - Buscar asistencia médica inmediata.

**Frases del almacenaje y de la disposición de SGA:** 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:** Dañoso si está inhalado. Puede causar irritación severa del tracto respiratorio superior con dolor, quemaduras, y la inflamación. La inhalación del polvo del dihidrato del dichloroisocyanurate del sodio puede inducir el bronchospasm. La liberación del gas de la clorina en los pulmones puede causar a inicio retrasado potencialmente fatal el edema pulmonar no cardiogénico.

**Contacto con la piel:** Puede ser nocivo si es absorbido por la piel. Puede provocar una irritación de la piel. Puede causar una reacción alérgica en algunas personas.

**Contacto con los ojos:** El contacto con los ojos puede causar la irritación severa, y el ojo posible quema.

**Ingestión:** Puede ser nocivo si es tragado. Puede causar irritación severa del tracto digestivo con dolor abdominal, náuseas, vómitos y diarrea. La ingestión del tripolifosfato de sodio puede causar la purga violenta (evacuación de los intestinos).

### 3. COMPOSICIÓN/ INFORMACIÓN SOBRE LOS COMPONENTES

Numeros	Componentes peligrosos [química nombre]	Concentración
497-19-8	El carbonato de sodio	<35.0 %
7601-54-9	ortofosfato de trisodio	<15.0 %
NA	Phosphate	<20.0 %
NA	Surfactant	<15.0 %
51580-86-0	Dihidrato de dicloroisocianurato de sodio	< 2.0 %

### 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:** En caso de contacto, piel rasante con el un montón de agua. Consiga la ayuda médica si la irritación se convierte y persiste. Lave la ropa antes de la reutilización.

**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. Consiga la ayuda médica inmediatamente.

**En caso de ingestión:** Nunca debe administrarse nada por la boca a una persona inconsciente. Si la víctima está consciente y alerta, dé 15 de leche o de agua.

**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:** NP

**Límites de explosión:** LEI: No información LES: No información

**Punto de Auto-Ignición:** NA

**Medios Que extinguen Convenientes:** La sustancia es no combustible; utilice el agente más apropiado extinguir el fuego circundante. El agua es medios de una extinción convenientes. No utilice el extinguidor del producto químico seco que contiene compuestos del amoníaco.

**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. Durante un fuego, la irritación y los gases altamente tóxicos se pueden generar por la descomposición termal o la combustión.

**Propiedades y riesgos de materiales inflamables:** No disponible

No disponible

### 6. MEDIDAS CONTRA FUGAS ACCIDENTALES

**Pasos a ser tomados en cuenta en caso de que material se fugue o derrame:** El vacío o barre el material y lo coloca en un envase conveniente de la disposición. Evite generar condiciones polvorientas. Proporcione la ventilación. Evite la salida en las alcantarillas y las zanjas de la tormenta que llevan a los canales.

### 7. MANIPULACIÓN Y ALMACENAMIENTO

**Precauciones a ser tomadas en la manipulación:** No injiera ni inhale. Lavarse cuidadosamente después de la manipulación. Utilice con la ventilación adecuada. Evitar el contacto con los ojos, la piel o la ropa. Mantenga el envase cerrado firmemente.

**Precauciones para ser tomadas en almacenaje:** Almacén en un firmemente de contenedor cerrado. Guarde lejos de los ácidos. Almacén en un área fresca, seca, well-ventilated lejos de sustancias incompatibles.

### 8. CONTROL DE EXPOSICIÓN / PROTECCIÓN PERSONAL

Numeros	Nombre Químico Parcial	OSHA TWA	ACGIH TWA	Otra Limites
497-19-8	El carbonato de sodio	No información	No información	No información
7601-54-9	ortofosfato de trisodio	No información	No información	No información
NA	Phosphate	No información	No información	No información
NA	Surfactant	No información	No información	No información
51580-86-0	Dihidrato de dicloroisocianurato de sodio	No información	No información	No información

**Equipo respiratorio (especificar el tipo):** Siga las regulaciones del respirador del OSHA encontradas en 29 CFR 1910.134 o EN del estándar europeo 149. Utilice un NIOSH/MSHA o el EN del estándar europeo 149 aprobó el respirador si se exceden los límites de exposición o si la irritación u otros síntomas es experimentados.

**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.

**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 adecuada para mantener concentraciones aerotransportadas bajas.

### 9. PROPIEDADES FÍSICAS Y QUÍMICAS

**Estado físico:** [ ] Gas [ ] Líquido [ X ] Solido

**Aspecto y Olor:** anaranjado. Gránulos de flujo libre.

**pH:** > 12.0/10%Sol

**Punto de Fusión:** NA

**Punto de Ebullición:** NP

**Punto de encendido:** NP

**Indice de evaporación:** NP

**Flammability (solid, gas):** No disponible

**Límites de explosión:** LEI: No información LES: No información

**Presión de Vapor (vs. Aire o mm Hg):** NP

**Densidad de Vapor (vs. Aire = NP 1):**

**Gravedad Específica (Agua = NA 1):**

**Densidad:** NA

**Densidad aparente:** NA

**Solubilidad en Agua:** 100%

**Concentración de Vapor Saturado:** NP

**Volatilidad:** No información

**Punto de Auto-Ignición:** NA

**Temperatura de descomposición:** NA

**Viscosidad:** NP

**Tamaño de partícula:** NA

## 10. ESTABILIDAD Y REACTIVIDAD

**Estabilidad:** Inestable [ ] Estable [ X ]

**Condiciones para evitar - Inestabilidad:** Materiales incompatibles, saque el polvo de la generación, Exceso de calor, Exposición al aire o al agua húmedo.

**Incompatibilidad - Materiales para evitar:** Peróxido de hidrógeno, pentóxido del fósforo, trinitrotolueno 6. Ácidos fuertes, Agentes extremadamente reductores, Oxidante fuertes. materia orgánica.

**Peligrosa descomposición o derivados del producto:** Monóxido de carbono, dióxido de carbono, óxidos del sulfuro, óxido del sodio. Oxidos de fósforo, Cloruro de hidrógeno, Cloro, Óxidos de nitrógeno, Humos tóxicos del óxido del sodio.

**Posibilidad de reacciones peligrosas:** Sucederá [ ] No sucederá [ X ]

**Condiciones para evitar - Reacciones Peligrosas:** No disponible

## 11. INFORMACIÓN TOXICOLÓGICA

**Información Toxicológica:** Epidemiología: Ninguna información encontrada.  
Efectos reproductivos: Ninguna información encontrada.  
Mutagenicidad: Ninguna información encontrada.  
Neurotoxicidad: Ninguna información encontrada.  
Teratogenicidad: Ningunos datos disponibles.

CAS# NA: Surfactant: Toxicidad aguda, DL50, Oral, Rata, 960.0 - 3980. MG/KG.

Resultado: Sangre: Tumores. Inmunológico incluyendo alérgica: autoinmune (la participación de múltiples órganos).

Toxicidad aguda, DL50, Cutáneo, Conejo, 2000. - 2991. MG/KG. Resultado: Conducta: Somnolencia (depresión general de la actividad). Vasculares: Disminución de la TA no caracterizada en la sección autónomica. Piel y accesorios: Piel: Después de la exposición tópica: Corrosivo.

Toxicidad aguda, DL50, Inhalación, Rata, 1.150 MG/L, 4 H. Resultado: Pulmones, torax o Respiración: Otras alteraciones. Gastrointestinal: Náuseas o vómitos.

**Carcinogenicidad/Otras informaciones:** CAS# 497-19-8: No enumerado por el apoyo 65 del ACGIH, de la CIRC, del NTP, o del CA.

CAS# 7601-54-9: No enumerado por el apoyo 65 del ACGIH, de la CIRC, del NTP, o del CA.

CAS# 51580-86-0: 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:** Ambiental: Ninguna información disponible.  
Comprobación: Ninguna información disponible.

CAS# NA: Surfactant: LC50, Fathead Minnow (Pimephales promelas), 3.800 - 6.200 MG/L, 96 H. Resultado: Los peces afectados se detuvo el comportamiento de la escolarización. Los peces afectados se volvía hiperactiva. Los peces fueron overreactive a los estímulos externos. Los peces afectados nadó en o cerca de la superficie. No hay pérdida de equilibrio observado.

LC50, Water Flea (Daphnia magna), 9.300 - 21.40 MG/L, 48 H. Resultado: Los peces afectados se detuvo el comportamiento de la escolarización. Los peces afectados se volvía hiperactiva. Los peces fueron overreactive a los estímulos externos. Los peces afectados nadó en o cerca de la superficie. No hay pérdida de equilibrio observado.

**Persistencia y degradabilidad:** Ninguna información encontrada.

**Potencial de bioacumulación:** Ninguna información encontrada.

**Movilidad en el suelo:** Ninguna información encontrada.

## 13. CONSIDERACIONES RELACIONADAS A LA ELIMINACIÓN

**Método de eliminación los desperdicios:** 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. Observar todos los reglamentos estatales y locales sobre la protección del medio ambiente.

## 14. INFORMACIÓN RELACIONADA AL TRANSPORTE

### TRANSPORTE POR TIERRA (US DOT):

**DOT Nombre propio del envío:** No regulado.

**Clase De Peligro (DOT):**

**Número UN/NA:**

## 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)
497-19-8	El carbonato de sodio	No	No	No
7601-54-9	ortofosfato de trisodio	No	Sí 5000 LB	No
NA	Phosphate	No	No	No
NA	Surfactant	No	No	No
51580-86-0	Dihidrato de dicloroisocianurato de sodio	No	No	No

### Numeros CAS Componentes peligrosos [química nombre]

### Otros E.E.U.U. EPA o listas del estado

497-19-8	El carbonato de sodio	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
7601-54-9	ortofosfato de trisodio	TSCA: Sí - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Sí; MI CMR, Part 5: Part 5; NJ EHS: Sí - 1724; NY Part 597: Sí; PA HSL: Sí - E

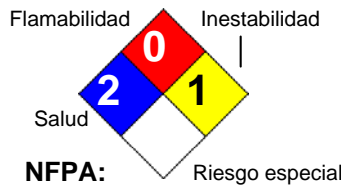


NA	Phosphate	TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
NA	Surfactant	TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
51580-86-0	Dihidrato de dicloroisocianurato de sodio	TSCA: No; 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: Sí - 1

**16. OTRAS INFORMACIONES**

**Fecha de la revisión:** 05/13/2015

**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.