

# GP #5

## General Purpose Powdered Alkaline Detergent

Recommended for the automotive, industrial and food service industries. A powerful combination of alkaline builders, wetting agents, phosphates, and detergents. Rapidly removes dirt, grease, and grime from a wide variety of surfaces. May be used manual, through steam cleaners and pressure washers, in vats and tanks, etc. Cleans floors, walls, equipment, utensils, shrouds, blenders, slicers, choppers and conveyors. Safe for use on all metals including aluminum, brass, galvanized, and stainless steel.

- All-Metal Safe Powdered Detergent
- Superior Emulsification
- Moderate Foaming

**Usage Directions:** MANUAL APPLICATION - Floors and Walls: For floors, sprinkle GP #5 on pre-wetted floor and scrub vigorously with a brush. Rinse well. For walls, wet the surface with a solution of ¼ - ½ pound per 5 gallon pail of warm water (120°F) and scrub with a brush. Rinse well.

**PRESSURE WASHER OR STEAM** - Prepare a premix of 1 pound per gallon of hot water (140° to 160°F). Proportion into application equipment in a ratio of 1 part to 16 to 32 parts water. Thoroughly wet equipment surfaces. Allow to soak 5 minutes, then clean with high pressure or steam. Rinse thoroughly.

**COOKING VAT (BOIL OUT)** - Fill vat with hot water. Thoroughly mix ¼ pound of GP #5 per gallon of water. Heat solution to 200° to 210°F (boiling) and maintain for 15 minutes. Drain solution and rinse vat immediately and thoroughly with hot water.

**FOAM APPLICATION** - When GP #5 is to be used as a foam, prepare a solution of ½ - 1 pound per gallon of water. Add 1 quart of Detergent Concentrate per 55 gallons of solution (1 part to 220 parts solution). Spray onto surfaces and allow 5 to 10 minutes before rinsing with high pressure hot water.

### Safety & Hazards



Wear Protective Eye Glasses, Chemical-Resistant Gloves and Waterproof Apron While Using GP #5

#### Consult SDS for Further Safety Precautions

**DOT Shipping Name:** UN 3262, Corrosive Solid, Basic, Inorganic, N.O.S., (Sodium Metasilicate, Sodium Carbonate), 8, PG III

### Technical Information:

Appearance: Brown Free Flowing Powder  
Odor: None  
pH: <12  
Foam: Moderate Foam

### Associated Products:

Detergent Concentrate, Heavy Duty Detergent & Foam Booster  
FCC-3, Foaming Chlorinated Detergent With Caustic & Rinse Agents  
MG 4-Quat, 5th Generation Quaternary Sanitizer & Disinfectant  
Special Acid Cleaner, Heavy-Duty Acid Detergent and Descaler

Products Manufactured By:



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

GP #5 Dilution Guidelines	
Usage	Dilution
Floor Cleaning	Do Not Dilute. Sprinkle on Floor.
Wall Cleaning	¼ - ½ Lb per 5 Gallons Water
Pressure Wash / Steam Clean	1 Lb per Gallon Water. Proportion to 1:16-32.
Boil Out	¼ Lb per Gallon Water
Foam Application	½ -1 Lb per Gallon. 1 Oz Per Gallon Det. Con.

# Product Selection and General Use Chart

## GP #5

### General Use: General Purpose Powdered Alkaline Detergent

Recommended for the automotive, industrial and food service industries. A powerful combination of alkaline builders, wetting agents, phosphates, and detergents. Rapidly removes dirt, grease, and grime from a wide variety of surfaces. May be used manual, through steam cleaners and pressure washers, in vats and tanks, etc. Cleans floors, walls, equipment, utensils, shrouds, blenders, slicers, choppers and conveyors. Safe for use on all metals including aluminum, brass, galvanized, and stainless steel.

**Usage Directions:** MANUAL APPLICATION - Floors and Walls: For floors, sprinkle GP #5 on pre-wetted floor and scrub vigorously with a brush. Rinse well. For walls, wet the surface with a solution of ¼ - ½ pound per 5 gallon pail of warm water (120°F) and scrub with a brush. Rinse well.

PRESSURE WASHER OR STEAM - Prepare a premix of 1 pound per gallon of hot water (140° to 160°F). Proportion into application equipment in a ratio of 1 part to 16 to 32 parts water. Thoroughly wet equipment surfaces. Allow to soak 5 minutes, then clean with high pressure or steam. Rinse thoroughly.

COOKING VAT (BOIL OUT) - Fill vat with hot water. Thoroughly mix ¼ pound of GP #5 per gallon of water. Heat solution to 200° to 210°F (boiling) and maintain for 15 minutes. Drain solution and rinse vat immediately and thoroughly with hot water.

FOAM APPLICATION - When GP #5 is to be used as a foam, prepare a solution of ¼ - 1 pound per gallon of water. Add 1 quart of Detergent Concentrate per 55 gallons of solution (1 part to 220 parts solution). Spray onto surfaces and allow 5 to 10 minutes before rinsing with high pressure hot water.

### Dilution Guidelines

Usage	Dilution
Floor Cleaning	Do Not Dilute. Sprinkle on Floor.
Wall Cleaning	¼ - ½ Lb per 5 Gallons Water
Pressure Wash / Steam Clean	1 Lb per Gallon Water. Proportion to 1:16-32.
Boil Out	¼ Lb per Gallon Water

### Safety & Hazards



**Danger: Keep out of reach of children. Read label before use. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Do not get in eyes, on skin, or on clothing Harmful if swallowed. Causes severe skin burns and eye damage.**

**Product Class: Alkaline**

### 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 GP #5**

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

# GP #5

Morgan-Gallacher, Inc. guarantees the product GP #5 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;

GP #5 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

# GP #5

Morgan-Gallacher, Inc. guarantees the product GP #5 complies with the requirements set forth by the USDA FSIS for Nonfood Compounds Category Code A4: Cleaning Product - Floor and Wall Cleaner. The description of Category Code A4 Cleaning Product - Floor and Wall Cleaner is as follows:

General use cleaners for floors and walls

The following apply to this product as well as all other cleaning products under Category Code A4:

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;

GP #5 is free from undesirable microorganisms and is guaranteed safe and adequate as Category Code: A4 Cleaning Product - Floor and Wall Cleaner 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

# GP #5

## General Purpose Powdered Alkaline Detergent

- All-Metal Safe Powdered Detergent
- Superior Emulsification
- Moderate Foaming

Recommended for the automotive, industrial and food service industries. A powerful combination of alkaline builders, wetting agents, phosphates, and detergents. Rapidly removes dirt, grease, and grime from a wide variety of surfaces. May be used manual, through steam cleaners and pressure washers, in vats and tanks, etc. Cleans floors, walls, equipment, utensils, shrouds, blenders, slicers, choppers and conveyors. Safe for use on all metals including aluminum, brass, galvanized, and stainless steel.

**Net Contents:**

**Lot No.:**

**DOT Shipping Name:** UN 3262, Corrosive Solid, Basic, Inorganic, N.O.S., (Sodium Metasilicate, Sodium Carbonate), 8, PG III

## GP #5 General Purpose Powdered Alkaline Detergent

**Usage Directions:** MANUAL APPLICATION - Floors and Walls: For floors, sprinkle GP #5 on pre-wetted floor and scrub vigorously with a brush. Rinse well. For walls, wet the surface with a solution of ¼ - ½ pound per 5 gallon pail of warm water (120°F) and scrub with a brush. Rinse well.

**PRESSURE WASHER OR STEAM** - Prepare a premix of 1 pound per gallon of hot water (140° to 160°F). Proportion into application equipment in a ratio of 1 part to 16 to 32 parts water. Thoroughly wet equipment surfaces. Allow to soak 5 minutes, then clean with high pressure or steam. Rinse thoroughly.

**COOKING VAT (BOIL OUT)** - Fill vat with hot water. Thoroughly mix ¼ pound of GP #5 per gallon of water. Heat solution to 200° to 210°F (boiling) and maintain for 15 minutes. Drain solution and rinse vat immediately and thoroughly with hot water.

**FOAM APPLICATION** - When GP #5 is to be used as a foam, prepare a solution of ½ - 1 pound per gallon of water. Add 1 quart of Detergent Concentrate per 55 gallons of solution (1 part to 220 parts solution). Spray onto surfaces and allow 5 to 10 minutes before rinsing with high pressure hot water.

### Dilution Guidelines

Usage	Dilution
Floor Cleaning	Do Not Dilute. Sprinkle on Floor.
Wall Cleaning	¼ - ½ Lb per 5 Gallons Water
Pressure Wash / Steam Clean	1 Lb per Gallon Water. Proportion to 1:16-32.
Boil Out	¼ Lb per Gallon Water
Foam Application	½ -1 Lb per Gallon. 1 Oz Per Gallon Det. Con.

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.

### Empty Container Storage & Handling

## Product Class: Alkaline

### Safety & Hazards



Wear Protective Eye Glasses, Chemical-Resistant Gloves and Waterproof Apron While Using GP #5

### Danger

This product contains Disodium Trioxosilicate. Harmful if swallowed. Causes severe skin burns and eye damage. Keep out of reach of children. Read label before use. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Do not get in eyes, on skin, or on clothing

### GHS Response Phrases

- IF ON SKIN (OR HAIR)** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of water for 15 minutes. Get immediate medical advice/attention. Wash contaminated clothing before reuse
- 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** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.
- 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-094-BULK  
**Product Name:** GP #5  
**Company Name:** Morgan-Gallacher, Inc.  
 8707 Millergrove Drive  
 Santa Fe Springs, CA 90670  
**Emergency Contact:** CHEMTREC

**Phone Number:**  
 +1 (562)695-1232  
 +1 (800)424-9300

**2. HAZARDS IDENTIFICATION**

**Serious Eye Damage/Eye Irritation, Category 2**  
**Acute Toxicity: Oral, Category 4**  
**Skin Corrosion/Irritation, Category 1C**



**GHS Signal Word:** **Danger**

**GHS Hazard Phrases:** 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.  
 P262 - Do not get in eyes, on skin, or on clothing.

**GHS Response Phrases:** P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 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.  
 P303 - IF ON SKIN (or hair): P361 - Remove/Take off immediately all contaminated clothing. P353 - Rinse skin with water/shower. P352 - Wash with plenty of water for 15 minutes.  
 P342 - If experiencing respiratory symptoms: P313 - Get medical advice/attention. P363 - Wash contaminated clothing before reuse.  
 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:** May cause respiratory tract irritation. May be harmful if inhaled.

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

**Eye Contact:** Causes eye irritation. Causes eye burns.

**Ingestion:** May cause irritation of the digestive tract. Harmful if swallowed.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
497-19-8	Sodium carbonate	<55.0 %
6834-92-0	Sodium metasilicate	<25.0 %
NA	Phosphate	<25.0 %
NA	Surfactant	< 7.0 %

### 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.
- In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid immediately. 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 immediate medical advice/attention.
- In Case of Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. If victim is conscious and alert, give 2-4 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. Use water spray, dry chemical, carbon dioxide, or appropriate foam.
- 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. The product itself does not burn.
- 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. Do not let product enter drains, sewers, watersheds or water systems.
- Steps To Be Taken In Case Material Is Released Or Spilled:** Prevent further leakage or spillage if safe to do so. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid breathing vapors, mist or gas.

## 7. HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** Minimize dust generation and accumulation. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale.

**Precautions To Be Taken in Storing:** Keep away from acids. Keep container tightly closed in a dry and well-ventilated place.

## 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.
6834-92-0	Sodium metasilicate	No data.	No data.	No data.
NA	Phosphate	No data.	No data.	No data.
NA	Surfactant	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

**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.

**Work/Hygienic/Maintenance Practices:** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:** [ ] Gas [ ] Liquid [ X ] Solid

**Appearance and Odor:** Brown. Free flowing granules.

**Melting Point:** NP

**Boiling Point:** NP

**Decomposition Temperature:** NA

**Autoignition Pt:** NA

**Flash Pt:** NP

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

**Specific Gravity (Water = 1):** NA

**Density:** NA

**Bulk density:** NA

**Vapor Pressure (vs. Air or mm Hg):** NP

**Vapor Density (vs. Air = 1):** NP

**Evaporation Rate:** NP

**Solubility in Water:** 100%



**Saturated Vapor Concentration:** NP  
**Viscosity:** NP  
**pH:** 11.0/1.0% SI  
**Percent Volatile:** No data.  
**Particle Size:** NA  
**Heat Value:** NA

### 10. STABILITY AND REACTIVITY

**Stability:** Unstable [  ] Stable [  ]  
**Conditions To Avoid - Instability:** Incompatible materials, dust generation, Excess heat.  
**Incompatibility - Materials To Avoid:** Acids, Strong oxidizing agents. Contact of this product with many "active" metals such as aluminum, tin, copper, zinc, and most alloys can cause formation of flammable hydrogen gas.  
**Hazardous Decomposition or Byproducts:** No data available.  
**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.  
 Teratogenicity: Teratogenic effects have occurred in experimental animals.  
 Reproductive Effects: No information available.  
 Mutagenicity: No information available.  
 Neurotoxicity: No information 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.  
  
**Irritation or Corrosion:** Skin - rabbit - Severe skin irritation - -24 h.  
**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 data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

### 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 261.3. 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:** Corrosive solid, basic, inorganic, n.o.s.() Sodium Carbonate, Sodium Metasilicate

**DOT Hazard Class:** 8 CORROSIVE

**UN/NA Number:** UN3262

**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)
497-19-8	Sodium carbonate	No	No	No
6834-92-0	Sodium metasilicate	No	No	No
NA	Phosphate	No	No	No
NA	Surfactant	No	No	No

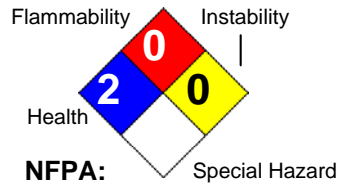
**Other US EPA or State Lists**

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
6834-92-0	Sodium metasilicate	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
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

**16. OTHER INFORMATION**

**Revision Date:** 01/27/2015

**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-094-BULK  
**Nombre del Producto:** GP #5  
**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

**Lesiones oculares graves/irritación ocular, Categoría 2**  
**Toxicidad aguda por ingestión, Categoría 4**  
**Corrosión/irritación cutáneas, Categoría 1C**



**SGA Palabra de advertencia:** Peligro

**Frases del peligro de SGA:** 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.  
P262 - Evitar todo contacto con los ojos, la piel o la ropa.

**Frases de la respuesta de SGA:** P304+340 - EN CASO DE INHALACIÓN: Transportar a la víctima al aire libre y mantenerla en una posición que facilite la respiración.  
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.  
P303 - EN CASO DE CONTACTO CON LA PIEL (o el pelo): P361 - Quitar inmediatamente toda la ropa contaminada. P353 - Lavar la ropa contaminada antes de volverla a utilizar. P352 - Lavar con abundante water for 15 minutes.  
P342 - En caso de síntomas respiratorios: P313 - Consultar a un médico. P363 - Lavar/descontaminar la ropa contaminada antes de volverla a usar.  
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 in accordance with local, state, and federal regulations.

**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 provocar una irritación en el tracto respiratorio. Puede ser nocivo si se inhala.  
**Contacto con la piel:** Provoca irritaciones de la piel. Puede ser nocivo si es absorbido por la piel.  
**Contacto con los ojos:** Provoca una irritación en los ojos. Provoca quemaduras en los ojos.  
**Ingestión:** Podría causar la irritación de la zona digestiva. Dañino si es deglutido.

### 3. COMPOSICIÓN/ INFORMACIÓN SOBRE LOS COMPONENTES

Numeros	Componentes peligrosos [química nombre]	Concentración
497-19-8	El carbonato de sodio	<55.0 %
6834-92-0	Metasilicato de sodio	<25.0 %
NA	Phosphate	<25.0 %
NA	Surfactant	< 7.0 %

### 4. MEDIDAS EN PRIMEROS AUXILIOS

#### Procedimientos de Emergencia y Primeros Auxilios:

<b>En caso de inhalación:</b>	Quite de la exposición y del movimiento al aire fresco inmediatamente. Consiga la ayuda médica.
<b>En caso de contacto con la piel:</b>	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. Consiga la ayuda médica inmediatamente. Lave la ropa antes de la reutilización.
<b>En caso de contacto con los ojos:</b>	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.
<b>En caso de ingestión:</b>	NO provocar vómitos. Nunca debe administrarse nada por la boca a una persona inconsciente. Enjuague la boca con agua. Si la víctima está consciente y alerta, dé las copas de 2-4 de leche o de agua.
<b>Informe para el médico:</b>	Convite sintomático y de apoyo. Mostrar esta ficha de seguridad al doctor que esté de servicio.

### 5. MEDIDAS DE LUCHA CONTRA INCENDIOS

<b>Punto de encendido:</b>	NP
<b>Límites de explosión:</b>	LEI: No información                      LES: No información
<b>Punto de Auto-Ignición:</b>	NA
<b>Medios Que extinguen Convenientes:</b>	La sustancia es no combustible; utilice el agente más apropiado extinguir el fuego circundante. Utilice el aerosol de agua, el producto químico seco, el dióxido de carbono, o la espuma apropiada.
<b>Instrucciones para combatir el fuego:</b>	Como en cualquier fuego, use un aparato respiratorio autónomo en presión-exigen, MSHA/NIOSH (aprobado o equivalente), y engranaje protector lleno. El producto no arde por si mismo.
<b>Propiedades y riesgos de materiales inflamables:</b>	No disponible

### 6. MEDIDAS CONTRA FUGAS ACCIDENTALES

<b>Precauciones protectoras, equipo protector y procedimientos de emergencia:</b>	Use el equipo de protección personal adecuado que se indica en la Sección 8.
<b>Precauciones ambientales:</b>	Observar todos los reglamentos estatales y locales sobre la protección del medio ambiente. No dejar que el producto penetre en los desagües, alcantarillas, cuencas o sistemas hídricos.
<b>Pasos a ser tomados en cuenta en caso de que material se fugue o derrame:</b>	Impedir nuevos escapes o derrames de forma segura. 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.

## 7. MANIPULACIÓN Y ALMACENAMIENTO

**Precauciones a ser tomadas en la manipulación:** Reduzca al mínimo la generación y la acumulación del polvo. No consiga en ojos, en piel, o en la ropa. No injiera ni inhale.

**Precauciones para ser tomadas en almacenaje:** Guarde lejos de los ácidos. Conservar el envase herméticamente cerrado en un lugar seco y bien ventilado.

## 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
6834-92-0	Metasilicato de sodio	No información	No información	No información
NA	Phosphate	No información	No información	No información
NA	Surfactant	No información	No información	No información

**Equipo respiratorio (especificar el tipo):** Un programa de la protección respiratoria que resuelve OSHA 29 CFR 1910.134 y los requisitos del ANSI Z88.2 o EN del estándar europeo 149 debe ser seguido siempre que el lugar de trabajo condicione uso del respirador de la autorización.

**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.

**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 [ ] Líquido [ X ] Solido

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

**Punto de Fusión:** NP

**Punto de Ebullición:** NP

**Temperatura de descomposición:** NA

**Punto de Auto-Ignición:** NA

**Punto de encendido:** NP

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

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

**Densidad:** NA

**Densidad aparente:** NA

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

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

**Indice de evaporación:** NP

**Solubilidad en Agua:** 100%

<b>Concentración de Vapor Saturado:</b>	NP
<b>Viscosidad:</b>	NP
<b>pH:</b>	11.0/1.0% SI
<b>Volatilidad:</b>	No información
<b>Tamaño de partícula:</b>	NA
<b>Principios del calor:</b>	NA

## 10. ESTABILIDAD Y REACTIVIDAD

<b>Estabilidad:</b>	Inestable [ ]    Estable [ X ]
<b>Condiciones para evitar - Inestabilidad:</b>	Materiales incompatibles, saque el polvo de la generación, Exceso de calor.
<b>Incompatibilidad - Materiales para evitar:</b>	ácidos, Oxidante fuertes. El contacto de este producto con muchos metales "activos" como el aluminio, el estano, el cobre, el zinc, y la aleacion pueden causar la formación de gas hidrógeno inflamable.
<b>Peligrosa descomposición o derivados del producto:</b>	No disponible
<b>Posibilidad de reacciones peligrosas:</b>	Sucedará [ ]    No sucederá [ X ]
<b>Condiciones para evitar - Reacciones Peligrosas:</b>	No disponible

## 11. INFORMACIÓN TOXICOLÓGICA

<b>Información Toxicológica:</b>	<p>Epidemiología: Ninguna información encontrada.          Teratogenicidad: Los efectos teratogénicos han ocurrido en animales de experimento.          Efectos reproductivos: Ninguna información disponible.          Mutagenicidad: Ninguna información disponible.          Neurotoxicidad: Ninguna información disponible.</p> <p>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 tóxica: Corrosivo.          Toxicidad aguda, DL50, Inhalación, Rata, 1.150 MG/L, 4 H. Resultado: Pulmones, torax o Respiración: Otras alteraciones. Gastrointestinal: Náuseas o vómitos.</p>
<b>Irritación o la corrosión:</b>	Piel - conejo - Grave irritación de la piel - -24 h.
<b>Carcinogenicidad:</b>	NTP No    IARC No    Regulado por OSHA? No

## 12. INFORMACIÓN ECOLÓGICA

<b>Información Ecológica:</b>	<p>Ambiental: Ninguna información disponible.          Comprobación: Ninguna información disponible.</p> <p>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</p>
-------------------------------	--

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:** Sin datos disponibles.

**Potencial de bioacumulación:** Sin datos disponibles.

**Movilidad en el suelo:** Sin datos disponibles.

### 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 261.3. 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:** Sólido corrosivo, básico, inorgánico, n.o.s. Boca a boca es el preferido. ()  
**Clase De Peligro (DOT):** 8 CORROSIVO  
**Número UN/NA:** UN3262 **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)
497-19-8	El carbonato de sodio	No	No	No
6834-92-0	Metasilicato de sodio	No	No	No
NA	Phosphate	No	No	No
NA	Surfactant	No	No	No

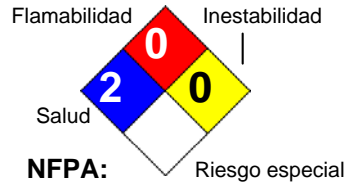
Numeros CAS	Componentes peligrosos [química nombre]	Otros E.E.U.U. EPA o listas del estado
497-19-8	El carbonato de sodio	TSCA: Sí - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
6834-92-0	Metasilicato de sodio	TSCA: Sí - 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
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



## 16. OTRAS INFORMACIONES

Fecha de la revisión: 01/27/2015

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.