

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
Phone Number: +1 (562)695-1232
Emergency Contact: CHEMTREC +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. |
| Hazardous Combustion Products: | 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.

pH: 11.0/1.0% SI

Melting Point: NP

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

Octanol/Water Partition Coefficient: No data.
Autoignition Pt: NA
Decomposition Temperature: NA
Viscosity: NP
Particle Size: NA
Heat Value: NA

10. STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]
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 [X]
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.
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.
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 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 |

CAS # Hazardous Components (Chemical Name)

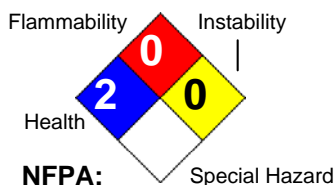
Other US EPA or State Lists

| | | |
|-----------|---------------------|--|
| 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.