

Safety Data Sheet

according to 29CFR1910/1200 and GHS Rev. 3

Initial preparation date: : 05.09.2016**Washing Powder #2****SECTION 1: Identification of the substance/mixture and of the supplier****Product name:** Washing Powder #2**Manufacturer/Supplier Article number:** GD5000**Recommended uses of the product and restrictions on use:** Produits chimiques de laboratoire**Manufacturer Details:**

AquaPhoenix Scientific
 860 Gitts Run Road
 Hanover, PA 17331
 (717) 632-1291

Supplier Details:

AquaPhoenix Scientific Inc.
 860 Gitts Run Road
 Hanover, PA 17331
 (717) 632-1291

Emergency telephone number:

Emergency Telephone No.: 800-255-3924

SECTION 2: Hazards identification**Classification of the substance or mixture:****Irritant**

Skin irritation, category 2
 Eye irritation, category 2A

Signal word: Warning**Hazard statements:**

Causes skin irritation.
 Causes serious eye irritation.

Precautionary statements:

Wash skin thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Specific treatment (see supplemental first aid instructions on this label).
 Take off contaminated clothing and wash before reuse.
 If on skin: Wash with 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.

Other Non-GHS Classification: None**SECTION 3: Composition/information on ingredients****Ingredients:**

| CAS / EINECS # | Ingredient Name | Wt. % |
|----------------|-----------------|-------|
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| 497-19-8 | Sodium Carbonate | 35-40 |
| 1344-00-9 | Sodium Aluminosilicate | 5-10 |
| 68081-81-2 | Sodium (C10-16) alkylbenzenesulfonate | 10-15 |
| 1344-09-8 | Silicic acid, sodium salt | 5-10 |
| 68081-98-1 | Sodium Alkylalcohol Sulfates | 1-5 |
| 54464-57-2 | Isocyclemone E | 0.1-1 |

SECTION 4: First aid measures**Description of first aid measures****After inhalation:**

Loosen clothing as necessary and position individual in a comfortable position. Maintain an unobstructed airway.

After skin contact:

Wash affected area with soap and water. Seek medical attention if symptoms develop or persist.

After eye contact:

Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lens(es) if able to do so during rinsing. Seek medical attention if irritation persists or if concerned.

After swallowing:

Rinse mouth thoroughly. Seek medical attention if irritation, discomfort, or vomiting persists.

Most important symptoms and effects, both acute and delayed: None

Indication of any immediate medical attention and special treatment needed: None

SECTION 5: Firefighting measures**Extinguishing media****Suitable extinguishing agents:**

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.

Unsuitable extinguishing agents: None

Special hazards arising from the substance or mixture:

Thermal decomposition can lead to release of irritating gases and vapors.

Advice for firefighters:**Protective equipment:**

Wear protective eye wear, gloves and clothing. Refer to Section 8.

Additional information (precautions):

Avoid inhaling gases, fumes, dust, mist, vapor and aerosols. Avoid contact with skin, eyes and clothing.

SECTION 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures:**

Ensure adequate ventilation. Ensure air handling systems are operational. Wear protective eye wear, gloves and clothing.

Environmental precautions:

Should not be released into the environment. Prevent from reaching drains, sewer or waterway.

Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing.

Reference to other sections: None

SECTION 7: Handling and storage

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Do not eat, drink, smoke or use personal products when handling chemical substances. Avoid breathing mist or vapor.

Conditions for safe storage, including any incompatibilities:

Store in a cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection**Control parameters:**

Appropriate engineering controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Respiratory protection: When necessary, use NIOSH-approved breathing equipment.

Protection of skin: Select glove material impermeable and resistant to the substance.

Eye protection: Safety goggles or glasses, or appropriate eye protection.

General hygienic measures: Wash hands before breaks and at the end of work. Avoid contact with skin, eyes and clothing.

SECTION 9: Physical and chemical properties

| | | | |
|--|---------------------------------|--|--|
| Appearance (physical state, color): | White powder | Explosion limit lower: Explosion limit upper: | Not determined or not available Not determined or not available |
| Odor: | Scented | Vapor pressure at 20°C: | Not determined or not available |
| Odor threshold: | Not determined or not available | Vapor density: | Not determined or not available |
| pH-value: | 10 -11.5 | Relative density: | 420 - 650 g/L |
| Melting/Freezing point: | Not determined or not available | Solubilities: | Water solubility: Moderately soluble at 20°C |
| Boiling point/Boiling range: | Not determined or not available | Partition coefficient (n-octanol/water): | Not determined or not available |
| Flash point (closed cup): | Not determined or not available | Auto/Self-ignition temperature: | Not determined or not available |
| Evaporation rate: | Not determined or not available | Decomposition temperature: | Not determined or not available |
| Flammability (solid, gaseous): | Not determined or not available | Viscosity: | a. Kinematic: Not determined or not available b. Dynamic: Not determined or not available |
| Density at 20°C: | Not determined or not available | | |

SECTION 10: Stability and reactivity**Reactivity:**

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None under normal conditions of use and storage.

Chemical stability:

Stable under normal conditions of use and storage.

Possible hazardous reactions:

None known.

Conditions to avoid:

None known.

Incompatible materials:

None known.

Hazardous decomposition products:

None under normal conditions of use and storage.

SECTION 11: Toxicological information**Acute Toxicity:****Oral:**

LD50 - Rat - 4,090 mg/kg.

LD50 Oral - Rat - 27 g/kg.

LD50 Oral - Rat - 1960 mg/kg.

Dermal:

LD50 Dermal - Rabbit - 4640 mg/kg.

Inhalation:

LC50 - Rat - 2 h - 5,750 mg/l.

LC50 Inhalation - Rat - 140 mg/m³ 4H.**Chronic Toxicity:** No additional information.**Skin corrosion/irritation:**

Rabbit- Mild skin irritation - 24 h.

Causes skin irritation.

Causes skin irritation.

Causes skin irritation.

Serious eye damage/irritation:

Rabbit - Eye irritation - 24 h.

Causes serious eye irritation.

Causes serious eye damage.

Causes serious eye damage.

Respiratory or skin sensitization: No additional information.**Carcinogenicity:** No additional information.**Germ cell mutagenicity:** No additional information.**Reproductive Toxicity:** No additional information.**STOT-single and repeated exposure:** No additional information.**Additional toxicological information:**

No additional information.

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Sodium Carbonate: Fish, LC50 - Lepomis macrochirus (Bluegill) - 300 mg/l - 96 h.

Sodium Carbonate: Aquatic invertebrates, EC50 - Daphnia magna (Water flea) - 265 mg/l - 48 h.

Persistence and degradability: No additional information.**Bioaccumulative potential:** No additional information.**Mobility in soil:** No additional information.**Other adverse effects:** No additional information.**SECTION 13: Disposal considerations****Waste disposal recommendations:**

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities. (US 40CFR262.11).

SECTION 14: Transport information**US DOT****UN Number:**

ADR, ADN, DOT, IMDG, IATA

Not Regulated

Limited Quantity Exception:

None

Bulk:**RQ (if applicable):** None**Proper shipping Name:** Not Regulated.**Hazard Class:** None**Packing Group:** Not Regulated.**Marine Pollutant (if applicable):** No**Comments:** None**Non Bulk:****RQ (if applicable):** None**Proper shipping Name:** Not Regulated.**Hazard Class:** None**Packing Group:** Not Regulated.**Marine Pollutant (if applicable):** No**Comments:** None**SECTION 15: Regulatory information****United States (USA)****SARA Section 311/312 (Specific toxic chemical listings):**

None of the ingredients are listed.

SARA Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

RCRA (hazardous waste code):

None of the ingredients are listed.

TSCA (Toxic Substances Control Act) :**CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):****Proposition 65 (California):**

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None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

Chemicals known to cause developmental toxicity:

None of the ingredients are listed.

Canada**Canadian Domestic Substances List (DSL) :****SECTION 16: Other information**

The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

NFPA: 1-0-0**HMIS:** 1-0-0**GHS Full Text Phrases:** None**Abbreviations and Acronyms:** None