



## Spartan Chemical Company, Inc. Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

**EGGS SO CLEAN PH BOOSTER**

Product Number: 3125

Product Division:

**Janitorial**

Spartan Chemical Company, Inc.  
1110 Spartan Drive  
Maumee OH 43537

Product/Technical Information: 1-(800)-537-8990  
Medical Emergency: 1-(888)-314-6171 (24 hours)  
Chemical Leak/Spill Emergency: CHEMTREC 1-(800) 424-9300 (24 hours)

Shipping Description: Corrosive liquids, n.o.s., 8, UN 1760, II, (contains sodium hydroxide)

| NFPA Ratings:                                                     | HMIS Ratings:                                                                                             |
|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Health: 3 - Serious<br>Fire: 0 - Minimal<br>Reactivity: 1- Slight | Health: 3 - Serious<br>Fire: 0 - Minimal<br>Reactivity: 1- Slight<br>Pers. Prot. Equip.: See Section VIII |

### SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

| Chemical Name(s) | %Wt   | CAS Registry No. | Table Z-1-A           |                        |                           | NTP, IARC or OSHA Carcinogen |
|------------------|-------|------------------|-----------------------|------------------------|---------------------------|------------------------------|
|                  |       |                  | TWA mg/m <sup>3</sup> | STEL mg/m <sup>3</sup> | CEILING mg/m <sup>3</sup> |                              |
| Sodium hydroxide | 20-30 | 1310-73-2        | 2                     | Not Established        | Not Established           | No                           |

### SECTION III: PHYSICAL DATA

|                                            |                                             |
|--------------------------------------------|---------------------------------------------|
| Boiling Point: 255 °F                      | Vapor Pressure: Unknown                     |
| Vapor Density (AIR = 1): Unknown           | Solubility in Water: Complete               |
| pH: 14                                     | Specific Gravity (H <sub>2</sub> O=1): 1.27 |
| Evaporation Rate (but.ace.=1): <1          | Percent Solid by Weight: 20-30%             |
| Physical State: Liquid                     |                                             |
| Appearance & Odor: Clear liquid / Low odor |                                             |

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

|                                                                                                                                                     |                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Flash Point: None to 255°F                                                                                                                          | Method Used: ASTM-D56 |
| Flammable Limits: Not Established                                                                                                                   | Flame Extension: N/A  |
| Extinguishing Media: Product does not support combustion. Cool fire-exposed containers with water spray.                                            |                       |
| Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus and protective clothing.                                   |                       |
| Unusual Fire & Explosive Hazards: Contact with aluminum or other reactive metals may release hydrogen gas. Heat is generated when mixed with water. |                       |

**SECTION V: HEALTH HAZARD DATA**

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                                      |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------|
| Threshold Limit Value:                           | Not established                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Primary Routes of Entry: | Inhalation, Skin Contact, Eyes, Oral |
| Effects of Overexposure-<br>Conditions to Avoid: | <b>CORROSIVE:</b><br><b>CAUSES SEVERE EYE DAMAGE:</b> Symptoms include chemical burns, pain, redness, swelling of the conjunctiva, tissue destruction and possible permanent corneal damage. Eye contact may cause blindness.<br><b>CAUSES SEVERE SKIN DAMAGE:</b> Symptoms include chemical burns, pain, redness, tissue destruction. Harmful contact may not cause immediate pain. Repeated contact may cause a dermatitis.<br><b>HARMFUL OR FATAL IF SWALLOWED:</b> Causes damage or chemical burns to esophagus and mucous membranes with symptoms of pain, nausea, vomiting and diarrhea. Aspiration of product into the lungs may occur during ingestion or vomiting, resulting in lung injury.<br><b>HARMFUL IF INHALED:</b> Breathing product mist may cause irritation or damage of the respiratory tract, with symptoms of nasal discomfort and discharge with chest pain and coughing.<br><b>DO NOT GET IN EYES, ON SKIN OR CLOTHING. AVOID BREATHING PRODUCT MIST. DO NOT SWALLOW OR TASTE. WASH THOROUGHLY AFTER HANDLING.</b> |                          |                                      |
| Conditions Aggravated by Use:                    | Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                                      |
| <b>Emergency &amp; First Aid Procedures :</b>    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |                                      |
| Eyes:                                            | Immediately flush eyes with plenty of water for at least 30 minutes. Remove contact lenses. Get immediate medical attention.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |                                      |
| Skin:                                            | Immediately flush with water for at least 30 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Destroy contaminated shoes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                      |
| Ingestion:                                       | Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting. Drink one or two glasses of water to dilute product. Do not give anything by mouth to an unconscious person.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                                      |
| Inhalation:                                      | In case of respiratory irritation; move person to fresh air. Get medical attention.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |                                      |

**SECTION VI: REACTIVITY DATA**

|                                   |        |                           |                                                                                                |
|-----------------------------------|--------|---------------------------|------------------------------------------------------------------------------------------------|
| Stability:                        | Stable | Incompatible Materials:   | Oxidizing agents; Acids; Chlorinated solvents; reactive metals such as aluminum; zinc and tin. |
| Hazardous Decomposition Products: | None   | Hazardous Polymerization: | Will Not Occur                                                                                 |

**SECTION VII: SPILL OR LEAK PROCEDURES**

|                                                               |                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Steps to be Taken in Case<br>Material is Released or Spilled: | Contain large spills and transfer the material to appropriate containers for reclamation or disposal. Absorb remaining material or small spills with an inert material and dispose of in accordance with federal, state and local regulations. Keep spill out of sewers, streams or other bodies of water. |
| Waste Disposal Method:                                        | Dispose of in compliance with all Federal, state and local laws and regulations.                                                                                                                                                                                                                           |

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

|                                  |                                                                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Respiratory Protection:          | None required under most use-conditions. However if exposure limits are exceeded (see Section II) or if respiratory irritation occurs, the use of a NIOSH approved respirator suitable for the use-conditions and chemicals listed in Section II should be considered. |
| Ventilation:                     | Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.                                                                                                                                                                      |
| Protective Gloves(Specify Type): | Rubber or other alkali resistant gloves.                                                                                                                                                                                                                               |
| Eye Protection(Specify Type):    | Splash goggles are recommended to prevent eye contact.                                                                                                                                                                                                                 |
| Other Protective Equipment:      | Corrosive. Eye wash stations and washing facilities should be readily accessible. See 29 CFR 1910.132-138 for further guidance.                                                                                                                                        |

**SECTION IX: SPECIAL PRECAUTIONS**

|                                  |                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Precautions; Handling & Storing: | Completely close container when not in use. Store in a cool, dry place. Keep from freezing.                                          |
| Other Precautions:               | Heat is generated when mixed with water. Add product to water to reduce the possibility of spattering. Keep out of reach of children |

|                              |                 |                |             |                             |
|------------------------------|-----------------|----------------|-------------|-----------------------------|
| © SCC 06/08/2012             | Name:           | Ronald T. Cook | Title:      | Manager, Regulatory Affairs |
| EGGS SO CLEAN PH BOOSTER     | Effective Date: | 06/08/2012     | Supersedes: | 06/08/2009                  |
| Ref: 29 CFR 1910.1200 (OSHA) | Changes:        | General Review |             |                             |

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