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## FOR CHEMICAL EMERGENCY

Involving Shipping and Handling Spills, Leak, Fire, Exposure or Accident

Call CHEMTREC 1-800-424-9300

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200

### Section 1 - Product Identification

Product Name: PLC® Beverage System Cleaner Powder, all sizes

Product ID: 3202X

### Section 2 - Composition/Information on Ingredients

#### CHEMICAL NAME

Sodium Carbonate

#### CAS REG. #

497-19-8

Silicic Acid

6834-92-0

Sodium Sesquicarbonate

533-96-0

Sodium Hydroxide

1310-73-2

*Other ingredients are judged to be non-hazardous, their CAS numbers and their exact percent of composition are proprietary to National Chemicals, Inc.*

### Section 3 - Hazards Identification

HMIS: Health 2 Flammability 0 Physical Hazard 0 Personal Protection (PPE) B (Safety glasses and gloves)

EMERGENCY OVERVIEW: Irritating to the eyes and continuous contact may irritate the skin. Product is non-combustible. Reacts with acids to release carbon dioxide gas and heat.

POTENTIAL HEALTH EFFECTS: Direct contact with the product causes irritation of the eyes and continuous contact may cause skin irritation (red, dry, cracked skin). Excessive levels of airborne dust may irritate the mucous membranes and upper respiratory tract.

### Section 4 - First Aid Measures

EYES: Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes lifting the upper and lower eyelids intermittently. Washing eyes within several seconds is essential to achieve maximum effectiveness.

SKIN: Wash with soap and water. If irritation occurs and persists, obtain medical attention.

INHALATION: Remove to fresh air. Give artificial respiration if not breathing. If breathing is difficult, give oxygen.

INGESTION: Never give anything by mouth to an unconscious or convulsive person. If swallowed, do not induce vomiting. Give large amounts of water. If vomiting occurs spontaneously, keep airway clear. Give more water when vomiting stops.

### Section 5 - Fire Fighting Measures

FIRE AND EXPLOSION HAZARDS: None

EXTINGUISHING MEDIA: Use extinguishing agents appropriate for surrounding fire

HAZARDOUS COMBUSTION PRODUCTS: Fumes of sodium oxide.

### Section 6 - Accidental Release Measures

Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Residue may be flushed to sewer with plenty of water.

### Section 7 - Handling and Storage

HANDLING: Avoid contact with eyes. Wash thoroughly after handling. When mixing, slowly add chemical to water. Never add water to chemical.

STORAGE: Keep container tightly closed and properly labeled. Store in cool, dry area, away from acids. Do not expose to heat or direct sunlight.

### Section 8 - Exposure Controls and Personal Protection

EYE/FACE PROTECTION: Safety glasses with side shields are recommended.

SKIN PROTECTION: Dry product is generally non-irritating to intact skin but can be irritating where skin has been damaged and can create skin irritation after long exposures when moisture is present. Under such conditions, gloves are recommended.

RESPIRATORY PROTECTION: Avoid breathing dust.

HYGIENIC PRACTICES: Wash hands with soap and water after handling product.

### Section 9 - Physical and Chemical Properties

APPEARANCE: white, free flowing powder

ODOR: odorless

BOILING POINT: no data available

WATER SOLUBILITY: soluble

EVAPORATION RATE: no data available

SPECIFIC GRAVITY: no data available

**Section 10 - Stability and Reactivity**

STABILITY: Stable

CONDITIONS TO AVOID: Do not mix with anything but water.

INCOMPATIBLE MATERIALS: Acids, soft metals (aluminum, zinc).

HAZARDOUS DECOMPOSITION: None

POLYMERIZATION: Will not occur

**Section 11 - Toxicological Information**

When in solution, this material may affect all tissues with which it comes in contact. The severity of the tissue damage is a function of concentration, the length of tissue contact time, and local tissue conditions. After exposure there may be a time delay before irritation and other effects occur.

CARCINOGENICITY: NTP: not listed IARC: not listed OSHA: not listed

**Section 12 - Ecological Information**

ECOTOXICITY: no data available

CHEMICAL FATE: no data available

**Section 13 - Disposal Considerations**

Reuse or reprocess if possible. Flush spill with plenty of water before disposal. Dispose in accordance with all applicable regulations.

**Section 14 - Transport Information**

Not classified as hazardous according to Department of Transportation.

**Section 15 - Regulations**

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): not listed

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION AND LIABILITY ACT): not listed

TSCA (TOXIC SUBSTANCE CONTROL ACT): Sodium Sesquicarbonate and Silicic Acid are listed

**Section 16 - Other Information**

SUPERSEDES DATE: June 18, 2009

*The information and recommendations in this Material Safety Data Sheet are based upon data believed to be correct and does not relate to its use in combination with any other material or process. Since use conditions vary, we assume no liability for failure to follow product use direction and safety precautions. As data, standards and regulations change; NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.*