



**PLC® Beverage System Cleaner**  
May 27, 2015

# SAFETY DATA SHEET

## SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** PLC Beverage System Cleaner  
**PRODUCT ID:** 3202X  
**PRODUCT USE:** Cleaning compound  
**EMERGENCY:** CALL CHEMTREC 1-800-424-9300

**MANUFACTURER:** National Chemicals, Inc.  
 PO Box 506, Lewiston, MN 55952  
 800-533-0027 or 507-454-5640  
 info@NationalChemicals.com

## SECTION 2 HAZARDS IDENTIFICATION

**GHS CLASSIFICATION:**

Health	Environmental	Physical
Acute toxicity, oral Category 4 Skin Irritation Category 2 Eye Irritation Category 2B	Acute Toxicity: Category 3	

**Hazard Symbols:** Skin Irritation  
Acute toxicity, oral



**Signal Word:** **WARNING**

Hazard Statements	Precautionary Statements
H302: Harmful if swallowed H315: Causes skin irritation H320: Causes eye irritation H402: Harmful to aquatic life	P102: Keep out of reach of children P264: Wash thoroughly after handling P270: Do not eat, drink or smoke when using this product P273: Avoid release to the environment P280: Wear gloves and eye protection

## SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration % by Weight
Sodium Carbonate	497-19-8	50-65%
Sodium Metasilicate	6834-92-0	30-40%
Sodium Sesquicarbonate		≤ 5%

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

## SECTION 4 FIRST AID MEASURES

**If in Eyes:** Rinse cautiously with for several minutes. Remove contact lenses, if present. If irritation persists, get medical advice.  
**If on Skin:** Wash with plenty of water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice.  
**If inhaled:** Remove person to fresh air and keep comfortable for breathing.  
**If Swallowed:** Rinse mouth. Call Poison Center or doctor, if you feel unwell.

## SECTION 5 FIREFIGHTING MEASURES

**Flammable Properties:** Not Flammable  
**Suitable Extinguishing Media:** Use extinguishing agents suitable for surrounding fire.  
**Protection for Firefighters:** Wear self-contained breathing apparatus and full protective gear, as with any fire.  
**Hazardous Combustion:** Fumes of sodium oxide. Carbon dioxide

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Minimize dust generation. Avoid breathing dust.  
**Methods For Cleaning Up:** Sweep up and containerize for disposal. Small amounts of residue may be flushed to sewer with plenty of water.

## SECTION 7 HANDLING AND STORAGE

**Handling :** Minimize dust generation and accumulation. Do not get in eyes. Wash thoroughly after handling. When mixing, slowly add chemical to water, never add water to chemical.  
**Storage:** Store in a cool, dry place. Keep container tightly closed and properly labeled.

## SECTION 8 PRECAUTIONS TO CONTROL EXPOSURE/PERSONAL PROTECTION

**Eye Protection:** Wear safety glasses with side shields.  
**Skin Protection:** Use rubber or neoprene gloves. Thoroughly clean and dry contaminated clothing before reuse.  
**Respiratory:** Provide local exhaust ventilation where dust generation and accumulation may be generated.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White and Blue Granular, Free Flowing  
**Odor:** Odorless  
**Water Solubility:** Complete at recommended dilutions

## SECTION 10 STABILITY AND REACTIVITY

**Stability:** Stable under normal use and storage.  
**Decomposition:** None Known  
**Incompatible Materials:** Acids, soft metals (aluminum, zinc).  
**Conditions to Avoid:** Do not mix with anything but water.

## SECTION 11 TOXICOLOGICAL INFORMATION

**Likely Routes Of Exposure:** Eye and skin contact  
**Acute Systems And Effects:** The severity of irritation is affected by the length of contact time. After exposure there may be a time delay before irritation occurs.  
**Eye Contact:** Exposure may cause irritation to eyes.  
**Skin Contact:** Non-irritating to intact skin. Minor irritation may occur on abraded skin.  
**Ingestion:** May be harmful if swallowed.  
**Respiratory:** Dusts and mists may be irritating to the upper respiratory tract.  
**Chronic Effects:** None known  
**Carcinogenicity:** This product contains no chemicals that are listed on the NTP, IARC, or OSHA carcinogen lists.

## SECTION 12 ECOLOGICAL INFORMATION

Components of this product have exhibited moderate toxicity to aquatic organisms.

## SECTION 13 WASTE DISPOSAL CONSIDERATIONS

Reuse or reprocess if possible. Dispose in accordance with all applicable regulations.

## SECTION 14 TRANSPORT INFORMATION

**Hazard Class:** Not classified as hazardous according to Department of Transportation

## SECTION 15 REGULATORY INFORMATION

**TSCA Inventory Status:** All components of this product are on the TSCA Inventory or are exempt for TSCA Inventory requirements.  
**SARA TITLE III,**  
**SECTIONS 311/312:** ACUTE: Yes CHRONIC: No FIRE: No REACTIVE: No SUDDEN RELEASE: No  
**SARA TITLE 313:** Not regulated

## SECTION 16 OTHER INFORMATION

**Training Necessary:** Yes, training in practices and procedures contained in product literature or on product label  
**Issue Date:** May 27, 2015  
**Supersedes:** July 6, 2010

*This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.*