DAC1

National Chemicals Incorporated

DAC® Beverage System Cleaner
May 5, 2015

SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DAC Beverage System Cleaner
PRODUCT ID: 3104X
PRODUCT USE: Cleaning compound
EMERGENCY: CALL CHEMTREC 1-800-424-9300

MANUFACTURER: National Chemicals, Inc.
PO Box 32, Winona, MN 55987
800-533-0027 or 507-454-5640
info@NationalChemicals.com

SECTION 2 HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health	Environmental	Physical
Acute Toxicity, oral: Category 4		Corrosive to Metals 1
Skin Irritation: Category 1B		
Eye Irritation: Category 1		

Hazard Symbols:
Acute Toxicity, oral
Skin Corrosion
Eye Irritation

Signal Word:
DANGER

Hazard Statements	Precautionary Statements
H290: May be corrosive to metals	P102: Keep out of reach of children
H302: Harmful if swallowed	P260: Do not breathe mist, vapors or spray
H314: Causes severe skin burns and eye damage	P264: Wash thoroughly after handling
	P270: Do not eat, drink, or smoke when using this product
	P280: Wear gloves and eye protection

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration % by Weight
Potassium Hydroxide	1310-58-3	10-25%
Sodium Hydroxide	1310-73-2	≤ 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: Immediately call Poison Center or doctor. Rinse cautiously with for several minutes. Remove contact lenses, if present. Continue rinsing.
If on Skin (or hair): Call Poison Center or doctor. Immediately take off contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.
If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
If Swallowed: Immediately call a Poison Center or doctor. Rinse mouth. Do not induce vomiting.
Note to Physicians: Probable mucosal damage may contraindicate the use of gastric lavage. The absence of visible signs or symptoms of burns does not reliably exclude the presence of actual tissue damage.

SECTION 5 FIREFIGHTING MEASURES

Flammable Properties: Not Flammable
Suitable Extinguishing Media: Use media appropriate for surrounding fire.
Protection for Firefighters: Wear self-contained breathing apparatus and full protective gear, as with any fire.
Fire and Explosion Hazards Product may react with some metals (ex.: Aluminum, Zinc, Tin, etc.) to release hydrogen gas. Thermal decomposition may release: Toxic fumes. Corrosive fumes.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ventilate area. Use personal protective equipment. Contain spill with dikes, sandbags, etc.
Environmental Precautions: Small amounts of residue may be flushed to sewer with plenty of water.
Methods For Cleaning Up: Contain spills inert materials (e.g., sand, earth). Neutralize remaining residue with dilute Hydrochloric Acid solution and dispose of properly.

SECTION 7 HANDLING AND STORAGE

Handling : Avoid breathing vapor or mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. When mixing, slowly add chemical to water. Never add water to chemical.

Storage: Store in a cool, dry place. Keep away from incompatible materials. Store in corrosive resistant container with a resistant inner liner. Keep container tightly closed and properly labeled.

SECTION 8 PRECAUTIONS TO CONTROL EXPOSURE/PERSONAL PROTECTION

Eye Protection: Wear chemical safety goggles or a full face shield while handling this product. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin Protection: Use chemical resistant rubber or neoprene gloves. Thoroughly clean and dry contaminated clothing before reuse.

Respiratory: Provide local exhaust ventilation where vapor or mist may be generated.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, Colorless Liquid

Odor: Odorless

Water Solubility: Soluble

pH: alkaline

Boiling Point: Greater than 250 °F

Freezing Point: Less than 32 °F

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable under normal packaged conditions.

Decomposition: Thermal decomposition may release: Potassium dioxide.

Incompatible Materials: Acids, Chlorine dioxide, Phosphorus, Potassium persulfate, Metals such as aluminum, zinc, tin, etc. Other alkali sensitive metals or alloys.

SECTION 11 TOXICOLOGICAL INFORMATION

Likely Routes Of Exposure: Eyes. Ingestion. Inhalation. Skin

Acute Systems And Effects: 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.

Eye Contact: CORROSIVE. Causes severe irritation and burns.

Skin Contact: CORROSIVE. Causes severe irritation and burns.

Inhalation: CORROSIVE. Causes severe irritation and burns.

Chronic Effects: CORROSIVE. Causes severe irritation and burns.

SECTION 12 ECOLOGICAL INFORMATION

No data is available

SECTION 13 WASTE DISPOSAL CONSIDERATIONS

Reuse or reprocess if possible. Do NOT dump into sewers, on the ground or into body of water.
Flush spill with plenty of water before disposal. Dispose in accordance with all applicable regulations.

SECTION 14 TRANSPORT INFORMATION (For 1 gallon containers and greater)

Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, Potassium hydroxide, Sodium hydroxide, N.O.S.

ID Number: UN3266

Hazard Class: 8

Packing Group: II

Labeling Requirements: 8

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: Yes FIRE: No REACTIVE: Yes 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 5, 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.