

CORRAL

Foaming Bathroom Cleaner

DESCRIPTION

A uniquely blended formulation designed to clean, deodorize and remove scale, rust, calcium deposits and other discolorations from bathroom surfaces and floors. Its high foaming formula clings to vertical surfaces for maximum cleaning efficiency.

PRODUCT FEATURES / BENEFITS

- High foaming formula / Clings to vertical surfaces for maximum cleaning efficiency
- Fast penetrating action / Removes scale, rust & hard water deposits
- Multi-purpose / Cleans & deodorizes in one step
- High active formulation / Fast, labor saving, one step cleaning
- · Colored & fragranced / Maximum user acceptance

DIRECTIONS FOR USE

A blended formulation designed to clean and remove scale, rust, calcium deposits and other discolorations from bathtubs, wash basins, shower stalls, drinking fountains, stainless steel, toilet bowls, urinals and other surfaces.

Daily cleaning of bathtubs, wash basins, shower stalls, drinking fountains, etc.: Spray onto surface. Rinse thoroughly with water

Daily cleaning of stainless steel equipment such as counter tops, refrigerators, etc.: Spray onto surface. Rinse with water after cleaning, follow with a dry cloth.

Daily cleaning of tile and porcelain: Spray onto surface. After cleaning, rinse with water or go over with wet sponge or cloth.

Toilet bowl cleaning and deodorizing: To remove calcium and rust incrustations, discolorations and other deposits, flush toilet, then force water over the trap using a swab. Swab bowl, including

the flush ring which will remove rust and stains. Rinse toilet bowl

For cleaning and deodorizing urinals: Flush urinal, apply cleaner to swab and rub away discoloration and stains. Pour one or two ounces into urinal and allow to stand several minutes to remove odor in trap.

SPECIFICATIONS

Color	Specific Gravity (g/cc) 1.10 ± 0.01
Odor	Solubility Complete in water
Type Acid	Flash Point None
pH<1	Shelf Life 1 year minimum in original unopened container

SAFETY INFORMATION

Danger: Causes severe skin burns and eye damage. KEEP OUT OF THE REACH OF CHILDREN.

Precautionary statement

Prevention: Do not breathe mist or vapor. Wash thoroughly after handling. Wear protective gloves/ clothing and eye/face protection.

Response: If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep

comfortable for breathing. Immediately call a poison center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage: Store locked up.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional safety measures: Read the entire label and SDS before using this product, and for additional first aid measures. SDS for this product is available on the web at www.nclonline.com For Commercial and Industrial Use Only





World Class Cleaning Solutions®

401 N. 10th Street • Philadelphia, PA 19123 1-800-NAT-CHEM • 215-922-1200 • FAX: 215-922-5517 www.nclonline.com • e-mail:info@nclonline.com

World Class Cleaning Solutions®

NATIONAL CHEMICAL LABORATORIES, INC.

SAFETY DATA SHEET

Section 1 - Identification

CORRAL Foaming Bathroom Cleaner Product Identifier

Other means of identification 1740

Recommended use General purpose cleaner.

Recommended restrictions For commercial and industrial use only.

Manufacturer / Importer / Supplier / Distributor Information

Company Name National Chemical Laboratories of PA, Inc. Address 401 N. 10th Street - Philadelphia, PA 19123

Telephone 1 (215) 922-1200 **Supplier Email** info@nclonline.com Contact CHEM-TEL **Emergency Phone** 1 (800) 255-3924

Section 2 - Hazard(s) Identification

SDS Hazards and Warnings are based on the undiluted product. Refer to diluted SDS for Ready-To-Use Hazards and Warnings.

Classification Category

Physical Hazards Not Classified

Health Hazards Serious eye damage/eye irritation 1

> Skin corrosion/irritation 1

OSHA defined hazards **Label Elements Hazard Symbol**



Not Classified.

Signal Word Danger

Hazard Statement Causes severe skin burns and eye damage.

Precautionary statement

Prevention Do not breathe mist or vapor. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection.

Response If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep

comfortable for breathing. Immediately call a poison center/doctor. If in eyes: Rinse cautiously with water for several

minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise

classified (HNOC)

Not classified.

Section 3 - Composition/Information on ingredients

Mixture

Hazardous Components Ingredient Name CAS# Phosphoric Acid 7664-38-2 10 - 20 Nonylphenol, ethoxylated 9016-45-9 1 - 5

Section 4 - First-aid Measures

Inhalation If respiratory irritation or distress occurs, remove victim to fresh air. If breathing is difficult, give oxygen. If breathing stops,

apply artificial respiration. CONSULT A PHYSICIAN.

Skin contact Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical

attention if irritation persists. Wash contaminated clothing before reuse.

Immediately flush eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Check and Eye contact

remove contact lenses. Continue to rinse for at least 10 minutes.

Ingestion Rinse mouth thoroughly with water. DO NOT induce vomiting. If victim is fully conscious, give a cupful of water. Never give

anything by mouth to an unconscious person. If vomiting occurs, keep head lower than the hips to help prevent aspiration.

Call a physician or poison control center immediately.

Most Important symptoms /effects, acute and delayed

Causes skin and eye burns

Indication of immediate medical attention and special treatment

Treat symptomatically.

General Information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Section 5 - Fire-fighting measures

Suitable extinguishing media

Use water fog, alcohol-resistant foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

Avoid using a direct stream of water.

Unsuitable extinguishing

Do not use a solid water stream as it may scatter and spread fire..

media

Specific hazards arising from

the chemical

Fire may produce irritating, corrosive and/or toxic gases.

Special protective equipment and precautions for firefighters

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus,

protective clothing and face mask.

Fire-fighting equipment /instructions

Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Move containers from fire area if you can do it without risk. Use water spray to cool unopened containers. In case of fire and/or explosion do not breathe fumes.

 $Prevent\ runoff\ from\ fire\ control\ or\ dilution\ from\ entering\ streams,\ sewers,\ or\ drinking\ water\ supply.$

Specific Methods Use standard firefighting procedures and consider the hazards of other involved materials

Section 6 - Accidental release measures

Personal precautions, protective

equipment and emergency

Isolate area. Keep unnecessary personnel away. Use personal protection as recommended in Section 8 of the SDS.

procedures.

Methods and materials for containment and cleaning up

SMALL SPILLAGE: Absorb spillage with suitable absorbent material. Absorb spill with vermiculite or other inert material,

then place in a container for chemical waste. After removal flush contaminated area thoroughly with water.

LARGE SPILLS: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After

removal flush contaminated area thoroughly with water.

Environmental precautions Avoid discharge into drains, water courses or onto the ground.

Section 7 - Handling and storage

Precautions for safe handling

Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Do not breathe mist or vapor. Use only with adequate ventilation. Keep container closed. Use Personal Protective Equipment recommended in section 8 of the SDS.

Conditions for safe storage, including any incompatibilities

Store away from incompatible materials. Keep container closed.

Section 8 - Exposure control/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components Type Value Form

Phosphoric Acid (CAS 7664-38-2)

TWA 1 mg/m³

US. ACGIH Threshold Limit Values

Component Type Value Form

Phosphoric Acid (CAS 7664-38-2) STEL 3 mg/m^3 Phosphoric Acid (CAS 7664-38-2) TWA 1 mg/m^3

US. NIOSH: Pocket Guide to Chemical Hazards

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering Provide adequate ventilation and minimize the risk of inhalation of vapors and mists. Provide easy access to water

controls supply and eye wash facilities.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear approved chemical safety goggles.

Skin protection

Hand protection Wear chemical-resistant, impervious gloves. Suitable gloves can be recommended by the glove supplier.

Other Wear chemical-resistant, impervious gloves. Suitable gloves can be recommended by the glove supplier.

Respiratory protection Use a respirator when local exhaust or ventilation is not adequate to keep exposures below the OEL. In a confined space a

supplied respirator may be required.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking,

considerations and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9 - Physical and chemical properties

Appearance Clear. Physical state Liquid. Form Liquid. Color Green. Lemon. Odor threshold Not available.

рН < 1

Melting point/freezing point Not available. Initial boinging point and 214 °F (101.1 °C)

boiling range

Flash point > 214 °F (> 101.1 °C) **Evaporation rate** Not available. Flammability (solid, gas) Not applicable. Upper/lower flammability or explosive limits Flammability limit - lower (%) Not available. Flammability limit - upper (%) Not available. Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available. Vapor pressure Similar to water. Vapor density Similar to water. Relative density 1.10 ± 0.01 Relative density temperature 75 °F (23.89 °C) **Solubilities** 100 % Soluble Partition Coefficient n-Not available

octanol/water

Auto-ignition temperature Not Available **Decomposition temperature** Not Available < 10 cP

Viscosity Temperature 75 °F (23.89 °C)

Section 10 - Stability and reactivity

Reactivity Contact with certain metals may release flammable hydrogen gas. Reacts with hypochlorite containing products to release

chlorine gas.

Chemical stability Stable at normal conditions.

Possiblity of hazardous reactions Hazardous polymerization does not occur.

Conditions to Avoid Contact with certain metals (i.e. Aluminum, Zinc, Tin, Brass, Bronze) liberates hydrogen gas which can cause a flash fire.

Do not mix with chlorine bleach or other chemicals.

Incompatible materials Strong alkalis. Oxidizing agents. Chlorinated compounds.

Hazardous Decomposition Phosphorus oxides.

Products

Section 11 - Toxicological information

Information on likely routes of exposure

Ingestion May cause digestive tract burns.

Inhalation May cause burns in mucous membranes, throat, esophagus and stomach.

Skin contact Causes skin burns.

Eye contact Causes serious eye damage. Symptoms related to the Causes skin and eye burns.

physical, chemical and toxicological characteristics Information on toxicological effects.

Acute toxicity May be harmful if swallowed.

> Components Code **Species** Results Level Type 2740 mg/kg Phosphoric Acid (CAS 7664-38-2) Dermal LD50 Rabbit Acute Inhalation LC50 Rat 850 mg/m3, 4 H Acute

25.5 mg/m3 Acute Oral LD50 Rat 1530 mg/kg LD50 4290 mg/kg, bw Acute Oral Mouse

Nonylphenol, ethoxylated (CAS 9016-45-9)

Skin corrosion/irritation Causes skin burns. Serious eye damage/ eye

irritation

Causes serious eye damage.

Respiratory sensitization Not classified. Skin sensitization Not available. Germ cell mutagenicity Not classified. Carcinogenicity Not classified.

Reproductive toxicity Specific target organ toxicity -

single exposure

Not classified. Not classified.

Specific target organ toxicity -

repeated exposure

Not classified

Aspiration hazard Not classified.

Section 12 - Ecological Information

Ecotoxicity The product contains a substance which is toxic to aquatic organisms. Because of the low pH of this product, it would be

expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

Component(s)

Nonylphenol, ethoxylated, 9016-45-9

Aquatic

Acute Crustacea

65 mg/l, 48 hours Daphnia magna Crustacea EC50 Water flea (Daphnia magna) 12.2 mg/l, 48 hours Bluegill (lepomis macrochirus) 1 - 1.8 mg/l 96 hours Fish 1.050

Persistence and degradability The product is expected to be biodegradable.

Bioaccumulative potential Not known. Mobility in soil Not available.

Mobility in general The product is water soluble and may spread in water systems.

Other adverse effects None known.

Section 13 - Disposal considerations

Dispose in accordance with applicable federal, state, and local regulations. **Disposal instructions**

Local disposal regulations Dispose of in accordance with local regulations.

Hazardous waste code D002: Corrosive waste.

Waste from residues / unused

products

Dispose in accordance with all applicable regulations.

FC50

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 - Transport information

DOT

UN number UN1805

PHOSPHORIC ACID SOLUTION Proper shipping name

Transport hazard class(es) 8 Packing group Ш

Special precautions for user Not available. A7, IB3, N34, T4, TP1 Special provisions

Packaging exemption 154 Packaging non bulk 203 Packaging bulk 241

ΙΑΤΑ

UN number UN1805

UN proper shipping name PHOSPHORIC ACID SOLUTION

Transport hazard class(es) 8 Ш Packaging group **Environmental hazards** No 8L **ERG Code**

Special precautions for user

Other Information

Not available.

IMDG

UN number UN1805

PHOSPHORIC ACID SOLUTION **UN proper shipping name**

Transport hazard class(es) 8 Ш **Packaging group Environmental hazards** No

Marine pollutant

1740

EmS F-A, S-B
Special precautions for user Not available.

Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code

This substance/mixture is not intended to be transported in bulk.

Section 15 - Regulatory Information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D)
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.
Not on regulatory list.

CERCLA Hazardous Substance List (40 CFR 302.4

Components Result Phosphoric Acid (CAS 7664-38-2) LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories Immediate Hazard Yes

Delayed Hazard No Fire Hazard No Pressure Hazard No Reactivity Hazard No

SARA 302 Extremely hazardous substance No SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting) Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.
Food and Drug Administration (FDA) Not regulated.

US state regulations

US.Massachusetts RTK - Substance List Components

Phosphoric Acid (CAS 7664-38-2)

US.New Jersey Worker and Community Right-to-Know Act Cloth ixtednts

Phosphoric Acid (CAS 7664-38-2)

US.Pennsylvania RTK - Hazardous Substances Components

Phosphoric Acid (CAS 7664-38-2)

US.Rhode Island RTK Components

Phosphoric Acid (CAS 7664-38-2)

US - California Propsition 65 California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This

material is not known to contain any chemicals currently listed as carcinogens or

reproductive toxins.

International Inventories

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notifed Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances	Yes
Unites States Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

^{*}A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

Section 16 - Other information, including date of preparation or last version

Issue date 11/17/2016 Version # 02

^{*}A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Disclaimer

The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the manufacturer's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

Directions for Use:

For daily cleaning of bathtubs, wash basins, shower stalls, drinking fountains, etc: Apply Corral onto surface. Brush if required. Rinse thoroughly with water

For daily cleaning of stainless steel equipment such as counter tops, refrigerators, etc: Apply Corral onto surface. Brush if required. Rinse with water after cleaning, follow with a dry cloth.

For daily cleaning of tile and porcelain: Apply Corral onto surface. Brush if required. After cleaning, rinse with water or go over with wet sponge or cloth.

Toilet bowl cleaning and deodorizing: To remove calcium and rust incrustations, discolorations and other deposits flush toilet, then force water over the trap using a swab. Apply Corral onto surface. Swab bowl, including the flush ring which will remove rust and stains. Rinse toilet bowl by flushing.

For cleaning and deodorizing urinals: Flush urinal, apply Corral to swab and rub away discoloration and stains. Pour one or two ounces into urinal and allow to stand several minutes to remove odor in trap. NOTE: DO NOT USE ON MARBLE OR TERRAZZO

Instrucciones para Uso:

Para la limpieza diaria de bañeras, los lavabos de la colada, ducha se atascan, las fuentes que beben, etc: Rociar el corral sobre superficie. Cepillo si es necesario. Aclaración a fondo con aqua.

Para la limpieza diaria del equipo del acero inoxidable tal como tapas, refrigeradores, etc contrarios: Rociar el corral sobre superficie. Cepillo si es necesario. La aclaración con aqua después de limpiar, sique con un paño seco.

Para la limpieza diaria del azulejo y de la porcelana: Rociar el corral sobre superficie. Cepillo si es necesario. Después de limpiar, aclarar con agua o pasar con la esponja o el paño mojada.

Limpieza del tazón de fuente del tocador y desodorización: Para quitar las incrustaciones del calcio y del moho, descoloraciones y otra deposita el tocador rasante, después fuerza el agua sobre la trampa usando una esponja. Limpiar el tazón de fuente, incluyendo el anillo rasante que quitar el moho y las manchas. Aclarar el tazón de fuente del tocador limpiando con un chorro de aqua.

Para la limpieza y los urinals de desodorización: El urinal rasante, aplica el limpiador a la esponja y frota la descoloración ausente y manchas. Verter uno o dos onzas en urinal y permitir para estar parados varios minutos para quitar olor en trampa. NOTA: NO UTILIZAR EN EL MÁRMOL O TERRAZZO

To learn more about this product, scan this **QR code** to







Product No.: 1740



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DANGER: CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. KEEP OUT OF REACH OF CHILDREN

Precautionary statement

Prevention: Do not breathe mist or vapor. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection.

Response: If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled: Remove person for fresh air and keep comfortable for breathing. Immediately call a poison center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsino.

Storage: Store locked up.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional safety measures:

Read the entire label and SDS before using this product, and for additional first aid measures. SDS for this product is available on the web at www.nclonline.com

PELIGRO: PROVOCA GRAVES
QUEMADURAS EN LA PIEL Y LESIONES
OCULARES. SUBSISTENCIA FUERA DEL
ALCANCE DE NIÑOS

Palabra de advertencia

Prevención: No respire neblina o vapor. Lávese cuidadosamente después de la manipulación. Usar guantes /indumentaria protectora/equipo de protección para los oios/la cara.

Respuesta: En caso de ingestión: Enjuagar la boca. No provocar el vómito. En caso de contacto con la piel (o el pelo): Quitarse inmediatamente toda la ropa contaminada. Enjuagar la piel con agua o tomar un baño. Lave la ropa contaminada antes de volver a usar. En caso de inhalación: Transportar la persona al aire libre y mantenerla en una posición que le facilite la respiración. Llamar inmediatamente a un centro de toxicología o a un médico. En caso de contacto con los ojos: Enjuague cuidadosamente con agua durante varios minutos. Quitese los lentes de contacto, si los usa y si puede hacerse con facilidad. Continué enjuagando.

Almacenamiento: Guardar bajo llave.

Eliminación: Eliminación de contenidos / contenedor en consonancia con los reglamentos locales / regionales / nacionales / internacionales pertinentes.

Medidas additional de primeros auxilios:

Lea toda la etiqueta y SDS antes de usar este producto, así como medidas adicionales de primeros auxilios. SDS para el artículo está disponible en la web en www.nclonline.com

CONTAINS: Phosphoric Acid CAS# 7664-38-2

★★ MADE IN USA ★★LQ-0001-1740-03 ◎

