

# **CYCLONE**

# Intensive Ceramic Tile / Grout Cleaner









## **DESCRIPTION**

A heavy duty alkaline cleaner for removal of ingrained dirt, oil, grease and wax on all ceramic tile, porcelain tile and grout surfaces. CYCLONE is also a very effective grout cleaner for all polished and non-polished ceramic, porcelain and stone installations.

## **DIRECTIONS FOR USE**

Protect all adjacent non-masonry surfaces and any polished stone surfaces that may adjoin the work surface. Thoroughly wet the surface to be cleaned prior to any application of this product. Dilute 1 part CYCLONE to 5 parts of cool to warm water (higher dilution may be required for heavy concentrations of wax or for extremely dirty grout). Apply diluted solution to the wet surface and agitate vigorously with a stiff bristle brush or natural fiber buffing pad. Allow 5 to 15 minutes dwell time depending upon the severity of the dirt.

DO NOT ALLOW SOLUTION TO DRY ON THE SURFACE.

Rinse well with clean water and continue to rinse until all the solution has been removed.

#### **NOTES**

- This product is not for use on polished marble, limestone, terrazzo, travertine or any other calcium containing stone.
- Avoid contact with anodized metals, lacquered surfaces or other sensitive areas.
- Test for suitability and appropriate dilution in a small inconspicuous area prior to general use.

## **SPECIFICATIONS**

Color	Yellow -Green
Odor	Citrus
pH (Concentrate)	13.3 ± 0.5
pH (Use Dilution)	12.7 ± 0.5
Solubility	Complete in Water
Specific Gravity (g/cc)	1.05 ± 0.01

Density (lbs/gal)	8.7 ± 0.1
Freeze-Thaw Stable	Yes
Flash Point	None
Biodegradable	Yes
Ceramic Tile Cleaning	Excellent
Grout Cleaning	Excellent
Shelf Life1 year minimum in	original unopened container

#### **SAFETY INFORMATION**

DANGER: CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. MAY CAUSE RESPIRATORY IRRITATION. KEEP OUT OF REACH OF CHILDREN.



Prevention: Do not breathe mist or

vapor. Wear protective gloves/protective clothing/eye protection/ face protection. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.

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

Storage: Store locked up.

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

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

For Commercial and Industrial Use Only

Warranty: Determining the suitability of this product for its intended purpose shall solely be the responsibility of the user. In the event of failure, the sole obligation of National Chemical Laboratories shall be to replace the product deemed defective. User assumes all risk and liability; neither manufacturer nor seller will be held liable for any injury or damage.



World Class Cleaning Solutions®

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# World Class Cleaning Solutions®

# NATIONAL CHEMICAL LABORATORIES, INC.

#### SAFETY DATA SHEET

#### Section 1 - Identification

Product Identifier CYCLONE Intensive Ceramic Tile / Grout Cleaner

Other means of identification 2516

Recommended use Alkaline 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

Skin corrosion/irritation

Specific target organ toxicity, single exposure 3 TARGET ORGAN: respiratory tract

1

1

irritation

OSHA defined hazards Label Elements

Ilozond Cumb

**Hazard Symbol** 

Not Classified.



Signal Word Danger

Hazard Statement Causes severe skin burns and eye damage. May cause respiratory irritation.

Precautionary statement

**Prevention** Do not breathe mist or vapor. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands

 $thoroughly\ after\ handling.\ Do\ not\ eat,\ drink\ or\ smoke\ when\ using\ this\ product.\ Use\ only\ outdoors\ or\ in\ a\ well-ventilated\ area.$ 

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. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing. Immediately call a poison center/doctor.

Storage Store locked up.

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

Hazard(s) not otherwise

classified (HNOC)

None known.

#### Section 3 - Composition/Information on ingredients

Mixture

Hazardous ComponentsIngredient NameCAS #%2-Butoxyethanol111-76-25 - 10Nonylphenol, ethoxylated9016-45-91 - 5Sodium dimethylbenzenesulfonate1300-72-71 - 5Sodium Hydroxide1310-73-21 - 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.

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

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

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

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

Indication of immediate medical

Causes skin and eye burns. Treat symptomatically.

attention and special treatment

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

Carbon dioxide, alcohol-resistant foam, dry chemical, water spray, or water fog.

Unsuitable extinguishing

General Information

Not available.

media

Specific hazards arising from

None known.

Special protective equipment

and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment

Move containers from fire area if you can do it without risk. Use water spray to keep fire-exposed containers cool.

/instructions

General fire hazards

the chemical

This product is not flammable or combustible.

#### Section 6 - Accidental release measures

Personal precautions, protective

equipment and emergency procedures.

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

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. Do not breathe mist or vapor. Do not taste or swallow. Use with adequate ventilation. Wash thoroughly after handling. 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

Components

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

Components Value Type

2-Butoxyethanol (CAS 111-76-2) TWA 240 mg/m<sup>3</sup>, 50 ppm

Sodium Hydroxide (CAS 1310-73-2) TWA 2 mg/m<sup>3</sup>

**US. ACGIH Threshold Limit Values** 

Component Type Value Sodium Hydroxide (CAS 1310-73-2) Ceiling 2 mg/m<sup>3</sup> 2-Butoxyethanol (CAS 111-76-2) TWA 20 ppm

**US. NIOSH: Pocket Guide to Chemical Hazards** 

Components Value Type

2-Butoxyethanol (CAS 111-76-2) TWA 24 mg/m<sup>3</sup>, 5 ppm

Sodium Hydroxide (CAS 1310-73-2) Ceiling 2 mg/m<sup>3</sup>

US. ACGIH. BEIs. Biological Exposure Indices

\* - For sampling details, please see the source document.

Sampling Time Determinate Specimen Butoxyacetic acid (BAA), Creatinine in urine

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2-Butoxyethanol (CAS 111-76-2) 200 mg/g with hydrolysis

**Exposure guidelines** Use personal protective equipment as required. Keep working clothes separately.

Value

US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants

2-Butoxyethanol (CAS 111-76-2) Can be absorbed though the skin.

US. Minnesota Hazardous Substances List (Minn. Rules 5206.0400).

Components Exposure

**US.NIOSH: Pocket Guide to Chemical Hazards** 

Component Exposure

2-Butoxyethanol (CAS 111-76-2) Can be absorbed though the skin.

US.OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.100)

Exposure

2-Butoxyethanol (CAS 111-76-2) Can be absorbed though the skin.

US.OSHA Table Z-1-A (29 CFR 1910.100)

Components Exposure

2-Butoxyethanol (CAS 111-76-2) Can be absorbed though the skin.

US.Tennesee. OELs Occupational Exposure Limkits, Table Z1A

Components Exposure

Can be absorbed though the skin. 2-Butoxyethanol (CAS 111-76-2)

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

controls supply and eye wash facilities.

Individual protection measures, such as personal protective equipment Wear approved chemical safety goggles. Eye/face protection

Skin protection

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

Other Wear appropriate chemical resistant clothing.

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.

Wear appropriate thermal protective clothing, when necessary. Thermal hazards

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. Liquid. Green. Color Odor Citrus. Odor threshold Not available.

13.5

Melting point/freezing point Not available. Initial boiling point and 212 °F (100 °C)

boiling range

octanol/water

> 212.0 °F (> 100.0 °C)

Flash point **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. Not available. Explosive limit - lower (%) Not available. Explosive limit - upper (%) Vapor pressure Similar to water. Similar to water. Vapor density Relative density  $1.05 \pm 0.01$ Relative density temperature 75 °F (23.89 °C) **Solubilities** 100 % Soluble. Partition Coefficient n-Not available.

Auto-ignition temperature Not available. **Decomposition temperature** Not available. Viscosity < 10 cP 75 °F (23.89 °C) **Viscosity Temperature** 

## Section 10 - Stability and reactivity

Reactivity Not available.

Chemical stability Stable at normal conditions

Possiblity of hazardous reactions Hazardous polymerization does not occur. **Conditions to Avoid** Contact with incompatible materials.

Incompatible materials

Strong oxidizing agents

**Hazardous Decomposition** 

Carbon monoxide. Carbon dioxide.

**Products** 

#### Section 11 - Toxicological information

Information on likely routes of exposure

May cause burns of the gastrointestinal tract if swallowed. Ingestion

Inhalation Irritating to respiratory system.

Skin contact Causes skin burns.

Eve contact Causes serious eye damage.

Symptoms related to the physical, chemical and toxicological characteristics Causes skin and eye burns. Causes respiratory tract irritation. Symptoms may be delayed.

Information on toxicological effects.

Acute toxicity May cause burns.

> Components Nonylphenol, ethoxylated (CAS 9016-45-9) Sodium Hydroxide (CAS 1310-73-2) 2-Butoxyethanol (CAS 111-76-2)

Level Acute Acute Acute Acute Type Code Oral LD50 Oral LD50 Dermal LD50 Inhalation LC50 Oral LD50

Mouse Rabbit Rabbit Rat Rat

**Species** 

500 mg/kg 400 mg/kg 450 mg/l, 4 hrs 560 mg/kg

4290 mg/kg, bw

Results

Sodium dimethylbenzenesulfonate (CAS 1300-72-7)

Causes skin burns.

Acute Acute

Acute

LD50 Dermal Oral LD50 Rabbit Rat

>2000 mg/kg 7200 mg/kg

Skin corrosion/irritation

Serious eye damage/ eye

Causes serious eye damage.

irritation

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

IARC Monographs. Overall Evaluation of Carcinogenicity

Component Result

2-Butoxyethanol (CAS 111-76-2) 3 Not classifiable as to carcinogenicity to

humans.

Comment

Reproductive toxicity

Specific target organ toxicity -

Irritating to respiratory system.

single exposure

Specific target organ toxicity -

repeated exposure

Not classified.

Not classified.

Aspiration hazard Not classified.

Chronic effects 2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects

have not been observed in humans.

Prolonged or repeated exposure may cause liver and kidney damage. These effects have not been observed in humans.

Bluegill (lepomis macrochirus)

#### Section 12 - Ecological Information

The product contains a substance which is toxic to aquatic organisms. **Ecotoxicity** 

Component(s)

Nonylphenol, ethoxylated, 9016-45-9

Aquatic

Acute Crustacea

Fish

EC50 Daphnia magna EC50 Water flea (Daphnia magna)

LC50

65 mg/l, 48 hours 12.2 mg/l, 48 hours 1 - 1.8 mg/l 96 hours

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Persistence and degradability The product is expected to be biodegradable.

Bioaccumulative potential Not known. Partition coeficient n-octanol / water log (Kow)

Crustacea

Results Components 2-Butoxyethanol (CAS 111-76-2) 0.83

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

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

Local disposal regulations Dispose of in accordance with local regulations.

Hazardous waste code

Waste codes should be assigned by the user based on the application for which the product was used.

Waste from residues / unused

products

Dispose in accordance with all applicable regulations.

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

# Section 14 - Transport information

DOT

LIN1824 **UN number** 

SODIUM HYDROXIDE SOLUTION Proper shipping name

Transport hazard class(es) Packing group Ш

Read safety instructions, SDS and emergency procedures before handling. Special precautions for user

B2, IB2, N34, T7, TP2 Special provisions

154 **Packaging exemption** Packaging non bulk 202 Packaging bulk 242

IATA

**UN** number UN1824

**UN** proper shipping name SODIUM HYDROXIDE SOLUTION

Transport hazard class(es) П Packaging group **Environmental hazards** No. FRG Code ЯΙ

Special precautions for user

Other Information

Read safety instructions, SDS and emergency procedures before handling.

**IMDG** 

UN1824 UN number

UN proper shipping name SODIUM HYDROXIDE SOLUTION

Transport hazard class(es) Packaging group П **Environmental hazards** No. Marine pollutant

**EmS** F-A. S-B

Read safety instructions, SDS and emergency procedures before handling. Special precautions for user

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

Not regulated.

Not listed.

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

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

CERCLA Hazardous Substance List (40 CFR 302.4

Components Result Sodium Hydroxide (CAS 1310-73-2) LISTED 2-Butoxyethanol (CAS 111-76-2) 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

SARA 302 Extremely hazardous substance Not listed. SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting) Not regulated.

CAS# Chemical name % by wt. 2-Butoxyethanol 111-76-2 5 - 10

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.

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**US state regulations** 

US.Massachusetts RTK - Substance List Components

Sodium Hydroxide (CAS 1310-73-2) 2-Butoxyethanol (CAS 111-76-2)

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

Components

Sodium Hydroxide (CAS 1310-73-2)

2-Butoxyethanol (CAS 111-76-2)

US.Pennsylvania RTK - Hazardous Substances Components

Sodium Hydroxide (CAS 1310-73-2)

2-Butoxyethanol (CAS 111-76-2)

US.Rhode Island RTK Components

Sodium Hydroxide (CAS 1310-73-2) 2-Butoxyethanol (CAS 111-76-2)

US - California Propsition 65

#### International Inventories

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
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)	No
Korea	Existing Chemicals List (ECL)	No
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	No

<sup>\*</sup>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
 5/22/2014

 Version #
 01

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

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.

<sup>\*</sup>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).



#### Intensive Ceramic Tile / Grout Cleaner

A heavy duty alkaline cleaner for removal of ingrained dirt, oil, grease and wax on all ceramic tile, porcelain tile and grout surfaces. CYCLONE™ is also a very effective grout cleaner for all polished and non-polished ceramic, porcelain and stone installations.

• Extra Strength • Removes heavy soil from all ceramic and porcelain tile • Non-Acid formula

#### Directions:

Protect all adjacent non-masonry surfaces and any polished stone surfaces that may adjoin the work surface. Dilute 1 part CYCLONE™ to 5 parts of cool to warm water (higher dilution may be required.) for heavy concentrations of wax or for extremely dirty grout). Apply diluted solution to the wet surface and agitate vigorously with a stiff bristle brush or natural fiber buffing pad. Allow 5 to 15 minutes dwell time depending upon the severity of the dirt, DO NOT ALLOW SOLUTION TO DRY ON THE SURFACE. Rinse well with clean water and continue to rinse until all the solution has been removed.

#### IMPORTANT NOTES:

- This product is not for use on polished marble, limestone, terrazzo. travertine or any other calcium containing stone.
- Avoid contact with anodized metals, lacquered surfaces or other sensitive areas.
- Test for suitability and appropriate dilution in a small inconspicuous area prior to general use.

#### Instrucciones para Uso:

Proteger todas las no superficies advacentes de la albañilería y cualquier superficie de piedra pulida que puedan colindar la superficie de trabajo. Diluir CYCLONE™ de 1 porción a 5 porciones de fresco para calentar el aqua. (una dilusión más alta se puede requerir para las concentraciones pesadas de la cera o para la lechada extremadamente sucia). Aplicar la solución diluida a la superficie mojada y agitarla vigoroso con un cojín que pulimenta del cepillo de cerda tieso o de la fibra natural. Dar un plazo del tiempo de detención de 5 a 15 minutos dependiendo de la severidad de la suciedad. NO PERMITIR QUE LA SOLUCIÓN SE SEQUE EN LA SUPERFICIE. Aclarar bien con aqua limpia v continuar aclarando hasta que se ha quitado toda la solución.

#### NOTAS IMPORTANTES:

- Este producto no está para el uso en el mármol pulido, la piedra caliza, el terrazzo, el travertine o ningún otro calcio conteniendo la piedra.
- Evitar el contacto con los metales anodizados, las superficies laqueadas u otras áreas sensibles.
- Probar para la conveniencia y la dilusión apropiada en un área discreta pequeña antes de uso general.

CONTAINS: Nonviphenol. Ethoxylated CAS# 9016-45-9. Sodium Hydroxide CAS# 1310-73-2, 2-Butoxyethanol CAS# 111-76-2. Sodium Dimethyl Benzene Sulfonate CAS# 1300-72-7

Warranty: Determining the suitability of this product for its intended purpose shall solely be the responsibility of the user In the event of failure, the sole obligation of National Chemical Laboratories shall be to replace the product deemed defective. User assumes all risk and liability: neither manufacturer nor seller will be held liable for any injury or damage.



Floor Coating and Finishing
Material as to Slip
Resistance Only 18 EL

\*\* MADE IN USA \*\*





product, scan this OR code to





Net Contents: 1 Gallon (3.79 Liters)

**World Class Cleaning Solutions** 

# INTENSIVE CERAMI TILE / GROUT GLEANER

A heavy duty alkaline cleaner for removal of ingrained dirt, oil, grease and wax on all ceramic tile, porcelain tile and grout surfaces.









Product Code # 2516

# Stone Care Solutions™

**DANGER:** Causes severe skin burns and eye damage.

See side panel for additional precautionary statements

PELIGRO: PROVOCA GRAVES QUEMADURAS EN LA PIEL Y LESIONES OCULARES.

Ver panel lateral para las medidas preventivas adicionales.

## CAUSES SEVERE SKIN BURNS AND EYE DAMAGE, MAY CAUSE RESPIRATORY IRRITATION

Prevention: Do not breathe mist or vapor. Wear protective gloves/ protective clothing/eve protection/face protection. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.

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

Storage: Store locked up.

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

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910 1200

#### 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

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. Wash contaminated clothing before reuse.

Eve contact: Immediately flush eves with plenty of water for at least 20 minutes, occasionally lifting the upper and lower evelids. Check and 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.

PROVOCA GRAVES OUEMADURAS EN LA PIEL Y LESIONES OCULARES. PUEDE IRRITAR LAS VÍAS RESPIRATORIAS.

#### Conseios de prudencia

Prevención: No respire neblina o vapor. Usar quantes /indumentaria protectora/equipo de protección para los ojos/la cara. Lavarse las manos cuidadosamente después de la manipulación. No comer, beber o fumar al manipular el producto. Usar sólo al aire libre o en lugar bien ventilado

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. En caso de contacto con los oios: Enjuaque cuidadosamente con aqua durante varios minutos. Quítese los lentes de contacto, si los usa y si puede hacerse con facilidad. Continué enjuagando, Llamar inmediatamente a un centro de toxicología o a un médico.

Almacenamiento: Guardar baio llave.

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

Este producto es calificado como "químicamente peligroso" según el Estándar de Comunicación de Riesgos de la OSHA Hazard Communication Standard, 29 CFR

#### 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

Inhalación: En caso de irritación o insuficiencia respiratoria, deberá trasladarse a la víctima al aire libre. Si la respiración es dificultosa, administre oxígeno. Si se detiene la respiración, administre respiración artificial, CONSULTE A UN MÉDICO.

Contacto cutáneo: Quitar ropa y zapatos contaminados. Lave inmediatamente con mucha agua por lo menos durante 15 minutos. Conseguir atención médica. Lave la ropa contaminada antes de volver a usar. Elimine o limpie a fondo todo zapato contaminado.

Contacto ocular: Enjuaque inmediatamente los ojos con abundante aqua durante al menos 20 minutos, al mismo tiempo levante ocasionalmente los párpados superiores e inferiores. Revise y quítese los lentes de contacto. Continúe enjuagando durante al

Ingestión: Enjuáquese la boca cuidadosamente con agua. NO inducir el vómito. Si la víctima está totalmente consciente, déle a beber un vaso de agua. Nunca administre nada por la boca a una persona inconsciente. Si ocurre vómito, mantenga la cabeza de la persona más baja que las caderas a fin de evitar la aspiración. Llame inmediatamente a un médico o centro de control de envenenamiento.



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