



DESCUM

Non-Acid Soap Scum Remover & Renovator

DESCRIPTION

A non acid soap scum remover and renovator that brings back the original beauty of hard non porous surfaces. A unique blend of special detergents, emulsifiers, penetrants, chelating agents, and soil suspending aids that dissolve scum build up.

PRODUCT FEATURES / BENEFITS

- Inactivates calcium and magnesium deposits / Brightens terrazzo, marble and other mineral surfaces
- Free rinsing / Will not dull or leave any residue
- Super chelated formula / Gives most effective penetration of scum build up thus reducing labor costs
- No caustics or abrasives / Can't harm surfaces being cleaned while allowing for safe use
- Non-acid / Safe effective formula that permits use by all personnel

DIRECTIONS FOR USE

For floors: Allow solution to remain in contact with the surface for 10 to 20 minutes to dissolve the deposit. Do not allow the surface to dry. Add more solution if necessary to keep wet. Pick up solution, rinse, and allow to dry. Agitating with a scrub brush or machine will improve performance and shorten cleaning time.

Refer to the handy dilution chart below as a guideline for dilution recommendations:

The dilution may be adjusted up or down depending on local soil conditions.

DILUTION	OZ./GAL.	APPLICATION
1:12	10	Light Soil
1:6	21	Medium Soil
1:4	32	Heavy Soil

For Tile, and Washroom Fixtures: Apply undiluted DESCUM™ with a suitable applicator. Permit solution to work for 5 minutes. After soil is loosened, wipe or pick up solution and rinse with clear water.

SPECIFICATIONS

Color Opalescent yellow
Odor Mild
Viscosity (cps) < 10
Specific Gravity (g/cc) 1.03 ± 0.01
Density (lbs/gal) 8.6 ± 0.1
Biodegradable Yes
Hard Water Stability Superior

pH (Concentrate) 11.1 ± 0.4
pH (1:6) 10.8 ± 0.3
Acids None
Abrasives None
Scum Removal Superior
Shelf Life 1 year minimum in original unopened container

SAFETY INFORMATION

WARNING: CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. KEEP OUT OF REACH OF CHILDREN.

Prevention: Wear eye/face protection. Wear protective gloves. Wash thoroughly after handling.

Response: 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. Wash hands after handling.

Storage: Store away from incompatible materials.

Disposal: Dispose of waste and residues in accordance with local authority requirements.



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

All components are on the U.S. EPA TSCA Inventory List.

Meets the requirement for USDA Authorization Class A-1.

For Commercial and Industrial Use Only



CLEANER



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



TDS-0906-0515


SAFETY DATA SHEET

Section 1 - Identification

Product Identifier	DESCUM Non-Acid Soap Scum Remover & Renovator
Other means of identification	0906
Recommended use	Soap scum remover.
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	2A
	Skin corrosion/irritation	2
OSHA defined hazards	Not Classified.	
Label Elements		
Hazard Symbol		
Signal Word	Warning	
Hazard Statement	Causes skin irritation. Causes serious eye irritation.	
Precautionary statement		
Prevention	Wear eye/face protection. Wear protective gloves. Wash thoroughly after handling.	
Response	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. Wash hands after handling.	
Storage	Store away from incompatible materials.	
Disposal	Dispose of waste and residues in accordance with local authority requirements.	
Hazard(s) not otherwise classified (HNOC)	None known.	

Section 3 - Composition/Information on ingredients

Mixture			
Hazardous Components	Ingredient Name	CAS #	%
	4-Nonylphenol, branched, ethoxylated	127087-87-0	1 - 5
	Tetrasodium ethylenediamine tetraacetate	64-02-8	1 - 5

Section 4 - First-aid Measures

Inhalation	Move to fresh air. Get medical attention if irritation develops and persists.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if irritation develops and persists.
Most Important symptoms /effects, acute and delayed	Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.
Indication of immediate medical attention and special treatment	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SAFETY DATA SHEET

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	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
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 /instructions	Move containers from fire area if you can do it without risk.
General fire hazards	No unusual fire or explosion hazards noted.
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 procedures.	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	This product is miscible in water. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

Section 7 - Handling and storage

Precautions for safe handling	Do not get this material in contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

Section 8 - Exposure control/personal protection

Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles) and a face shield.
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves.
Other	Not available.
Respiratory protection	In case of inadequate ventilation, use respiratory protection.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9 - Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Clear, thin liquid.
Color	Opalescent yellow.
Odor	Mild.
Odor threshold	Not available.
pH	11.1
Melting point/freezing point	Not relevant.
Initial boiling point and boiling range	212 °F (100 °C)
Flash point	> 212.0 °F (> 100.0 °C)

SAFETY DATA SHEET

Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
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	1.03 ± 0.01
Relative density temperature	75 °F (23.89 °C)
Solubilities	Completely soluble.
Partition Coefficient n-octanol/water	Not available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity	< 10 cSt
Viscosity Temperature	75 °F (23.89 °C)

Section 10 - Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous Decomposition Products	No hazardous decomposition products are known.

Section 11 - Toxicological information

Information on likely routes of exposure

Ingestion	Expected to be a low ingestion hazard.
Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin contact	Prolonged or repeated skin contact may cause drying, cracking, or irritation.
Eye contact	Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics
Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects.

Acute toxicity	Not expected to be acutely toxic.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/ eye irritation	Causes serious eye irritation.
Respiratory sensitization	This product is not expected to cause respiratory sensitization.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not classified.
Chronic effects	Prolonged inhalation may be harmful.

Section 12 - Ecological Information

Ecotoxicity	The product contains a substance which is toxic to aquatic organisms. May be harmful to the environment if released in large quantities.	
Persistence and degradability	No data is available on the degradability of this product.	
Bioaccumulative potential	No data available.	
Partition coefficient n-octanol / water log (Kow)		
Components		Results
4-Nonylphenol, branched, ethoxylated (CAS 127087-87-0)		2.1 - 3.4 (Calculated)

SAFETY DATA SHEET

Mobility in soil	No data 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	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose in accordance with applicable federal, state, and local regulations.
Local disposal regulations	Dispose in accordance with all applicable 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. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 - Transport information

DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
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. All components are on the U.S. EPA TSCA Inventory List.	
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)		Not regulated.
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)		Not on regulatory list.
CERCLA Hazardous Substance List (40 CFR 302.4)		Not 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		Not listed.
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		Not regulated.
US. New Jersey Worker and Community Right-to-Know Act		Not listed.
US. Pennsylvania RTK - Hazardous Substances		Not listed.
US. Rhode Island RTK		Not regulated.
US - California Proposition 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)	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 Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
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	Yes

SAFETY DATA SHEET

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

*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).

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

Issue date 12/5/2014

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 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 floors: Allow solution to remain in contact with the surface for 10 to 20 minutes to dissolve the deposit. Do not allow the surface to dry. Add more solution if necessary to keep wet. Pick up solution, rinse, and allow to dry. Agitating with a scrub brush or machine will improve performance and shorten cleaning time.

Refer to the handy dilution chart below as a guideline for dilution recommendations:

The dilution may be adjusted up or down depending on local soil conditions.

DILUTION	OZ./GAL.	APPLICATION
1:12	10	Light Soil
1:6	21	Medium Soil
1:4	32	Heavy Soil

For Tile, and Washroom Fixtures: Apply undiluted DESCUM™ with a suitable applicator. Permit solution to work for 5 minutes. After soil is loosened, wipe or pick up solution and rinse with clear water.

Instrucciones para Uso:

Para los pisos: Permita que la solución permanezca en contacto con la superficie por 10 a 20 minutos para disolver el depósito. No permita que la superficie se seque. Agregue más solución en caso de necesidad para mantener mojado. Tome la solución, aclárela, y permita para secarse. El agitar con un cepillo o una máquina del fregar mejorará funcionamiento y acortará tiempo de la limpieza.

Referir a la carta práctica de la dilusión abajo como pauta para las recomendaciones de la dilusión:

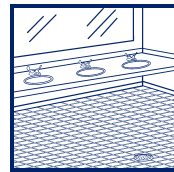
La dilusión se puede ajustar para arriba o abajo dependiendo de condiciones locales del suelo.

DILUSIÓN	ONZA. /GAL.	USO
1:12	10	Suelo liviano
1:6	21	Suelo Medio
1:4	32	Suelo Pesado

Para el azulejo, y los accesorios del servicio: Aplique DESCUM™ no diluido con un aplicador conveniente. Solución del permiso a trabajar por 5 minutos. Después de que se afloje el suelo, limpie o tome la solución y aclárela con agua clara.



World Class Cleaning Solutions®



Tile Cleaner

Descum™

Non Acid Soap Scum Remover & Renovator

Renovates, rejuvenates and brings back the original beauty of hard non-porous surfaces!

WARNING: CAUSES SKIN IRRITATION.

See back panel for additional precautionary statements.

ATENCIÓN: PRODUCE IRRITACIÓN DE LA PIEL.

Ver panel lateral para las medidas preventivas adicionales.

NET CONTENTS: 1 GALLON / 3.79 LITERS

National Chemical Laboratories, Inc.

Philadelphia, PA 19123 USA • (800) 628-2436

www.nclonline.com

Product No.: 0906



WARNING: CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. KEEP OUT OF THE REACH OF CHILDREN.

Precautionary statement

Prevention: Wear eye/face protection. Wear protective gloves. Wash thoroughly after handling.

Response: 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. Wash hands after handling.

Storage: Store away from incompatible materials.

Disposal: Dispose of waste and residues in accordance with local authority requirements.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

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

ATENCIÓN: PRODUCE IRRITACIÓN DE LA PIEL. PROVOCA IRRITACIÓN OCULAR GRAVE. MANTENER FUERA DEL ALCANCE DE LOS NIÑOS.

Consejos de prudencia

Prevención: Use protección para los ojos/la cara. Llevar guantes de protección. Lávese cuidadosamente después de la manipulación.

Respuesta: Si en los ojos: Enjuague con cuidado con agua durante varios minutos. Quite los lentes de contacto, si los hay, y muy fácil de hacer. Continúe enjuagando. Inmediatamente llame a un centro de envenenamientos/médico. Lávese las manos después de la manipulación.

Almacenamiento: Almacenar lejos de materiales incompatibles.

Eliminación: Deshacerse de los desechos y residuos de conformidad con los requisitos de la autoridad.

Este producto es una "sustancia química peligrosa" que se define por la OSHA Hazard Communication Standard, 29 CFR 1910.1200. Todos los componentes son de la EPA de EE.UU. Lista de inventario TSCA.

Medidas adicional 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: 4-Nonylphenol, branched, ethoxylated CAS# 127087-87-0, Tetrasodium ethylenediamine tetraacetate CAS# 64-02-8

★★ MADE IN USA ★★

LG-0001-0906-03



FOR COMMERCIAL AND INDUSTRIAL USE ONLY
QUESTIONS?
Call (800) 628-2436



To learn more about this product, scan this QR code to visit our website.



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