



FLEXI-CLEAN™

Intensive Rubber Cleaner and Grease Remover

DESCRIPTION

An advanced formula for safe cleaning of flat rubber and studded rubber flooring. Removes grease and heavy soil without harmful solvents or caustics. Ideal for use on industrial floors and many other environments. May be used manually or with an automatic scrubber.

PRODUCT / BENEFITS

- Neutral pH Formula / protects rubber surface
- Quickly emulsifies grease and oil / saves labor, time and money
- Contains no caustics or solvents / promotes safe product use

DIRECTIONS FOR USE

Use FLEXI-CLEAN to clean and degrease flat rubber and rubber studded flooring in factories, food service environments, airports, industrial applications, office buildings, schools, nursing homes and hospitals.

Product Dilution Rates:

Light Soil	2-3 oz. per gallon
Moderate Soil	4-5 oz. per gallon
Heavy Soil	6-10 oz. per gallon
Stripping of silicone and paraffin	6-10 oz. per gallon

Mop & Bucket Application:

Mop diluted solution onto floor; allow solution to dwell on surface for 5-10 minutes. Agitate solution as required with mop, or with floor machine and pad. Remove solution from floor with mop and bucket or wet vacuum.

Automatic Scrubber Application:

Apply product with the vacuum off and squeegee in the up position; allow solution to dwell on surface for 5-10 minutes. With vacuum on and squeegee in the down position, agitate the floor surface and remove solution from floor with automatic scrubber.

SPECIFICATIONS

Appearance	Milky white, opaque
Soil Emulsification	Excellent
Odor	Lemon
pH	9.3 ± 0.5

Safe for use on Rubber Surfaces	Yes
Specific Gravity	1.01 ± 0.01
Flash Point	None
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



RUBBER CARE



World Class Cleaning Solutions®

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TDS-2610-0515

SAFETY DATA SHEET

Section 1 - Identification

Product Identifier FLEXI-CLEAN Intensive Rubber Cleaner and Grease Remover
Other means of identification 2610
Recommended use Detergent.
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@ncnline.com
Contact CHEM-TEL
Emergency Phone 1 (800) 255-3924

Section 2 - Hazard(s) Identification

	Classification	Category
Physical Hazards	Not Classified	
Health Hazards	Serious eye damage/eye irritation	2A
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 #	%
	Nonylphenol, ethoxylated	9016-45-9	10 - 15

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.

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 (CO2).

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

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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	Opaque Liquid.
Color	White.
Odor	Lemon.
Odor threshold	Not available.
pH	9.3
Melting point/freezing point	Not relevant.
Initial boiling point and boiling range	212 °F (100 °C)
Flash point	> 212.0 °F (> 100.0 °C)
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.

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Explosive limit - upper (%)	Not available.
Vapor pressure	Similar to water.
Vapor density	Similar to water.
Relative density	1.01 ± 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	<30 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.					
Components	Level	Type	Code	Species	Results	
Nonylphenol, ethoxylated (CAS 9016-45-9)	Acute	Oral	LD50	Mouse	4290 mg/kg, bw	
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 is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
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
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SAFETY DATA SHEET

Local disposal regulations	local regulations.
Hazardous waste code	Dispose in accordance with all applicable regulations. Dispose of in accordance with local regulations.
Waste from residues / unused products	Waste codes should be assigned by the user based on the application for which the product was used.
Contaminated packaging	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).
	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 - Transport information

DOT	not regulated
Packaging non bulk	
IATA	
IMDG	

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.
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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

*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	12/18/2014
Version #	01

SAFETY DATA SHEET

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:

Use FLEXI-CLEAN™ to clean and degrease flat rubber and rubber studded flooring in factories, food service environments, airports, industrial applications, office buildings, schools, nursing home and hospitals.

Product Dilution Rates:

Light Soil	2 - 3 oz. per gallon
Moderate Soil	4 - 5 oz. per gallon
Heavy Soils & General Purpose Cleaning.....	6 - 10 oz. per gallon
Stripping of Silicone and Paraffin.....	6 - 10 oz. per gallon

Mop & Bucket Application:

Mop diluted solution onto floor; allow solution to dwell on surface for 5-10 minutes. Agitate solution as required with mop, or with floor machine and pad. Remove solution from floor with mop and bucket or wet vacuum.

Automatic Scrubber Application:

Apply product with the vacuum off and squeegee in the up position; allow solution to dwell on surface for 5-10 minutes. With vacuum on and squeegee in the down position, agitate the floor surface and remove solution from floor with automatic scrubber.

Instrucciones para Uso:

Utilizar FLEXI-CLEAN™ para limpiar y para desengrasar el caucho plano y el suelo tachonado caucho en fábricas, enviroments del servicio de alimento, aeropuertos, usos industriales, edificios de oficinas, escuelas, clínica de reposo y hospitales.

Tarifas de la Dilusión del Producto:

Suelo ligero	2 - 3 onzas. por galón
Suelo moderado	4 - 5 onzas. por galón
Suelos pesados y limpieza de fines generales	6 - 10 onzas. por galón
El pelar del silicón y de la parafina.....	6 - 10 onzas. por galón

Uso del Mop y del Cubo:

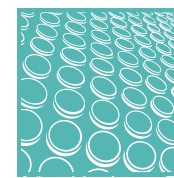
Aljofifar la solución diluida sobre piso; permitir que la solución more en la superficie por 5-10 minutos. Agitar la solución como sea necesario con el mop, o con la máquina y el cojín del piso. Quitar la solución de piso con el mop y cubo o vacío mojado.

Uso Automático del Depurador:

Aplicar el producto con el vacío de y el enjugador en la posición ascendente; permitir que la solución more en la superficie por 5-10 minutos. Con vacío en y el enjugador en la llanura la posición, agita la superficie del piso y quita la solución de piso con el depurador automático.



World Class Cleaning Solutions®



Rubber Care

Flexi-Clean™

Intensive Rubber Cleaner & Grease Remover

A advanced formula for safely cleaning flat rubber and studded rubber floors. Removes grease and heavy soil without harmful solvents or caustics!

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.: 2610



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 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: 4-Nonylphenol, branched, ethoxylated CAS # 127087-87-0

★★ MADE IN USA ★★

2610-29-0515



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.



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