



MIRAGE

Floor Finish Maintainer & Cleaner

DESCRIPTION

Outstanding cleaner and re-conditioner especially designed for maintenance of modern floor finishes. The unique two way synergistic detergent system contains chelating agents, neutral buffers, and anti-resoiling aids to maximize cleaning performance while increasing the gloss of the floor finish.

PRODUCT FEATURES / BENEFITS

- Maximum safety / Contains no; soap, phosphates, free alkali or ammonia.
- Increases gloss of the floor finish / Requires only damp mopping to improve appearance
- Non-residual Chelated formulation / Not affected by hard water
- No rinse required / When used as directed, leaves surface shining
- Safe for use on floor finishes, will not damage floor finish

DIRECTIONS FOR USE

Outstanding cleaner and re-conditioner for all surfaces. Especially formulated for superior maintenance of modern floor finishes. Leaves floors clean, shining and free of dulling films. Also excellent for cleaning walls, finished woodwork, non-waxed floors, no-wax linoleum floors, automobiles, appliances, furniture aircraft, all plastics, asphalt, rubber, vinyl, office equipment, formica, all types of metals, concrete, tile, terrazzo, marble, glass, ceramics, and all other washable surfaces. Safest of all cleaners and absolutely free rinsing to leave behind nothing but cleanliness. Does not effect anti-slip properties of modern floor finishes. Dilute cleaner, using the chart below as a guideline, in hot or

cold water. Apply by mopping, brushing, foaming, or any other convenient method.

Light Duty Cleaning	1-2 oz./gal.
Floor Wax Maintenance	1-2 oz./gal.
General Cleaning	4-6 oz./gal.
Heavy Duty Cleaning	6-12 oz./gal.

Adjust concentrations based on soil conditions. Rinsing is not required before re-coating, at a dilution of one ounce per gallon.

SPECIFICATIONS

Color	Blue
Odor	Pleasant
pH (Concentrate)	10.0 ± 0.5
pH (1:128)	8.0 ± 0.3
Solubility	Complete in water
Specific Gravity (g/cc).....	1.01 ± 0.01
Density (lbs/gal).....	8.4 ± 0.1
Anti-slip Reduction	None

High Temp. Cloud	> 140°F
Low Temp. Cloud	< 32°F
Freeze-Thaw Stable	Yes
Flash Point	None
Toxic	No
Detergency	Rapid and Excellent
Cleaning	Superior, Film Free
Shelf Life	1 year minimum in original unopened container

SAFETY INFORMATION

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

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

Response: If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists get medical advice/attention. Take off contaminated clothing and wash before reuse.

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.

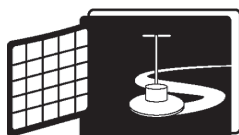
All components are on the U.S. EPA TSCA Inventory List.

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

Meets the requirements for USDA Classification A1.

For Commercial and Industrial Use Only



MAINTAINER



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TDS-0925-0215


SAFETY DATA SHEET

Section 1 - Identification

Product Identifier	MIRAGE Floor Finish Maintainer & Cleaner
Other means of identification	0925
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@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
OSHA defined hazards	Not Classified.	
Label Elements		
Hazard Symbol		
Signal Word	Warning	
Hazard Statement	Causes serious eye irritation.	
Precautionary statement		
Prevention	Wash thoroughly after handling. Wear eye/face protection.	
Response	If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists get medical advice/attention. Take off contaminated clothing and wash before reuse.	
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	1 - 5
	Sodium dodecylbenzenesulfonate	25155-30-0	1 - 5

Section 4 - First-aid Measures

Inhalation	Move to fresh air. Get medical attention if irritation persists.
Skin contact	Wash with water. Get medical attention if irritation 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 persists.
Ingestion	Rinse mouth. Get medical attention if irritation persists.
Most important symptoms / effects, acute and delayed	Serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
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.
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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.	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	<p>This product is miscible in water.</p> <p>SMALL SPILLS Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>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.</p> <p>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.</p>
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. 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	Not required for casual contact. For prolonged contact, water impervious such as latex, nitrile or neoprene are recommended.
Other	If conditions risk exposure, wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. No personal respiratory protective equipment normally required.
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	Clear blue liquid.
Physical state	Liquid.
Form	Thin Liquid.
Color	Blue.
Odor	Pleasant.
Odor threshold	Not available.
pH	10.0
Melting point/freezing point	Not available.
Initial boiling point and boiling range	212 °F (100 °C)
Flash point	None to boiling.

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	1.01 ± 0.01
Relative density temperature	75 °F (23.89 °C)
Solubilities	100% 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	No adverse effects due to inhalation are expected.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics
 Serious 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.

Section 12 - Ecological Information

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

Component(s)

Nonylphenol, ethoxylated, 9016-45-9

Aquatic

Acute	Crustacea	EC50	Daphnia magna	65 mg/l, 48 hours
	Crustacea	EC50	Water flea (Daphnia magna)	12.2 mg/l, 48 hours

SAFETY DATA SHEET

Fish	LC50	Bluegill (Iepomis macrochirus)	1 - 1.8 mg/l 96 hours	
Sodium dodecylbenzenesulfonate, 25155-30-0				
Aquatic				
Acute	Crustacea	EC50	Water flea (Ceriodaphnia dubia)	3.26-14.51 mg/l , 48 hrs.
	Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss)	3.2-5.6 mg/l, 96 hrs.
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		
Sodium dodecylbenzenesulfonate (CAS 25155-30-0)		0.45		
Mobility in soil	No data available.			
Mobility in general	No data available.			
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.			

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.
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 CFR707, Subpt. D)			Not regulated.
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)			Not listed.
CERCLA Hazardous Substance List (40 CFR 302.4)			
Components			Result
Sodium dodecylbenzenesulfonate (CAS 25155-30-0)			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		Components	
		Sodium dodecylbenzenesulfonate (CAS 25155-30-0)	
US.New Jersey Worker and Community Right-to-Know Act		Components	
		Sodium dodecylbenzenesulfonate (CAS 25155-30-0)	
US.Pennsylvania RTK - Hazardous Substances		Components	
		Sodium dodecylbenzenesulfonate (CAS 25155-30-0)	
US.Rhode Island RTK		Components	
		Sodium dodecylbenzenesulfonate (CAS 25155-30-0)	

SAFETY DATA SHEET

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)	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 Notified 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).

*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	2/11/2015
Version #	01
Disclaimer	<p>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.</p> <p>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.</p>

Directions:

Dilute MIRAGE™ using the chart below as a guideline, in warm or cold water. Apply MIRAGE™ by mopping, brushing, foaming or any other convenient method.

Light Duty Cleaning.....	1 - 2 oz. per gallon
Floor Finish Maintenance	1 - 2 oz. per gallon
General Cleaning	4 - 6 oz. per gallon
Heavy Duty Cleaning.....	6 - 12 oz. per gallon

Adjust concentrations above based on soiling conditions. Rinsing is not required before re-coating, at a dilution of one ounce per gallon.

Instrucciones para Uso:

Diluir MIRAGE™ usando la siguiente tabla como guía, en agua tibia o fría. Aplicar MIRAGE™ con trapeador, cepillado, espuma o cualquier otro método conveniente.

Limpieza de Servicio de Luz.....	1 - 2 oz. por galón
Floor Finish Maintenance	1 - 2 oz. por galón
Acabado para Pisos Mantenimiento ...	4 - 6 oz. por galón
Limpieza Heavy Duty	6 - 12 oz. por galón

Ajuste concentraciones por encima de base en condiciones de suciedad. No es necesario enjuagar antes de aplicar una nueva capa, en una dilución de una onza por galón.



World Class Cleaning Solutions®



Floor Cleaner

Mirage™

Floor Finish Maintainer & Cleaner

An outstanding free rinsing cleaner and re-conditioner for all floor surfaces!

WARNING: CAUSES SERIOUS EYE IRRITATION.

See side panel for additional precautionary statements.

ATENCIÓN: PROVOCA IRRITACIÓN OCULAR GRAVE.

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.: 0925



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

Precautionary statement

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

Response: If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists get medical advice/attention. Take off contaminated clothing and wash before reuse.

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: PROVOCA IRRITACIÓN OCULAR GRAVE. MANTENER FUERA DEL ALCANCE DE LOS NIÑOS.

Consejos de prudencia

Prevención: Lávese completamente después del manejo. Use / la cara ojo.

Respuesta: Sí en la piel: Lavar con agua. Si en los ojos: Aclarar cuidadosamente con agua durante varios minutos. Quitar las lentes de contacto, si lleva y resulta fácil de hacer. Proseguir con el lavado. Si la irritación persiste, busque consejo médico / atención. Quítese la ropa contaminada y lávela antes de volverla a usar.

Almacenamiento: Consérvese alejado de materiales incompatibles.

Eliminación: Eliminar los desperdicios y residuos de conformidad con la normativa promulgada por las autoridades locales.

Este producto es un “químico peligroso” según lo definido por la Norma de Comunicación de Peligros de OSHA, 29 CFR 1910.1200. Todos los componentes están en la Lista de inventario de la EPA 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: Nonylphenol, ethoxylated CAS# 9016-45-9, Sodium dodecylbenzenesulfonate CAS# 25155-30-0

★★ MADE IN USA ★★

0925-29-1014



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®

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