



POP & SHINE

Gloss Restorer

DESCRIPTION

A revolutionary product that renovates floor finish and restores floors to maximum gloss...like magic! Especially selected polishing agents and cleaners help to remove scratches and scuffs from floors while rejuvenating the floor to a brilliant lustre. Saves labor; extends scrub / strip cycles. A must for every high speed / UHS Burnishing Floor Care program!

PRODUCT FEATURES / BENEFITS

- Super concentrated; reduces shipping costs
- Bright, Wet Look gloss
- Ideal for Multi Speed Polishing and Burnishing
- Easy leveling, fast drying for added labor savings

DIRECTIONS FOR USE

FOR USE AS A SPRAY BUFF: Dilute product at a rate of 1 oz. per quart (1:32) into spray bottle; affix trigger sprayer. Spray product onto 10' x 10' section of floor to be buffed at one time. Using the AQUA MAGIC™ UHS Burnishing Pad, you may buff the floor using an ultra high speed burnisher and pad. Buff slowly to work the product into the film.

FOR USE AS A FLOOR RESTORER: Dilute product at a rate of 2 oz. per gallon (1:64) into bucket or automatic scrubber. Apply solution at 2500-3000 square feet per gallon (a little goes a long way!) When dry, buff the floor using an ultra high speed burnisher and AQUA MAGIC™ UHS Burnishing Pad. Buff slowly to work the product into the film.

NOTE: BE SURE THAT AN ADEQUATE AMOUNT OF FLOOR COATING IS PRESENT ON THE FLOOR.

FOR INTERIM FLOOR MAINTENANCE: Mix solution of 4 oz. per gallon (1:32). Lightly mop it onto the floor and ultra high speed burnish the floor while still wet with an AQUA MAGIC™ UHS Burnishing Pad. This will remove deep scuffs and scratches from floor finish film and enhance overall gloss.

NOTE: PRODUCT MUST ALWAYS BE DILUTED BEFORE USE.

SPECIFICATIONS

Appearance Amber Liquid
Odor Pine Forest
pH (Concentrate) 10.7 ± 0.5
Upper Cloud > 140°F
Cold Stability < 32°F
Specific Gravity (g/cc)..... 1.00 ± 0.01

Density (lbs/gal) 8.33 ± 0.15
Flash Point (°F TCC) 176
Corrosive No
Gloss enhancement Superior
Scuff / Scratch Removal Excellent

SAFETY INFORMATION

WARNING: COMBUSTIBLE LIQUID. CAUSES SERIOUS EYE INJURY. KEEP OUT OF THE REACH OF CHILDREN.

Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Wash thoroughly after handling. Wear protective gloves/eye protection/face protection.

Response: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire: Use appropriate media to extinguish.

Storage: Store in a well-ventilated place. Keep container tightly closed. Keep cool.



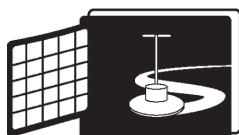
Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

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

Additional First-aid Measures:

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

For Commercial and Industrial Use Only



RESTORER



CLASSIFIED Floor Coating and Finishing Material
As to Slip Resistance Only
18EL



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SAFETY DATA SHEET

Section 1 - Identification

Product Identifier	POP & SHINE Gloss Restorer
Other means of identification	0545
Recommended use	Polishing compound.
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 protective gloves/eye protection/face protection.	
Response	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.	
Storage	Store in a well-ventilated place. Keep container tightly closed. Keep cool.	
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 Components	Ingredient Name	CAS #	%
	Pine Oil	8002-09-3	5 - 10
	2-Propanol	67-63-0	1 - 5

Section 4 - First-aid Measures

Inhalation	Move to fresh air. Get medical attention if irritation persists.
Skin contact	Wash off with soap and 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	Severe 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.
General Information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Section 5 - Fire-fighting measures

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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	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
General fire hazards	No unusual fire or explosion hazards noted.
Specific Methods	Use standard fire fighting 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. 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. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water. Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. 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	Avoid contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Use care in handling/storage.
Conditions for safe storage, including any incompatibilities	Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

Section 8 - Exposure control/personal protection

Occupational exposure limits

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

Components	Type	Value	Form
2-Propanol (CAS 67-63-0)	TWA	980 mg/m ³ , 400ppm	

US. ACGIH Threshold Limit Values

Component	Type	Value	Form
2-Propanol (CAS 67-63-0)	STEL	400 ppm	
2-Propanol (CAS 67-63-0)	TWA	200 ppm	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
2-Propanol (CAS 67-63-0)	IDLH	2000 ppm
2-Propanol (CAS 67-63-0)	STEL	1225 mg/m ³ , 500 ppm
2-Propanol (CAS 67-63-0)	TWA	980 mg/m ³ , 400 ppm

US. ACGIH. BEIs. Biological Exposure Indices

Components	Value	Determinate	Specimen	Sampling Time
2-Propanol (CAS 67-63-0)	200 mg/g	Butoxyacetic acid (BAA), with hydrolysis	Creatinine in urine	*
2-Propanol (CAS 67-63-0)	40 mg/l	Acetone	Urine	*

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

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.
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Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves.
Other	Wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
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.

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Section 9 - Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Clear liquid.
Color	Amber.
Odor	Pine.
Odor threshold	Not available.
pH	10.7
Melting point/freezing point	Not available.
Initial boiling point and boiling range	212 °F (100 °C)
Flash point	>201°F (94 °C)
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Similar to water.
Vapor density	Similar to water.
Relative density	1.01 ± 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 cP
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	Avoid temperatures exceeding the flash point. 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
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.

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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.	
Partition coefficient n-octanol / water log (Kow)		
Components		Results
2-Propanol (CAS 67-63-0)		0.05
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)		
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	
	2-Propanol (CAS 67-63-0)	
US.New Jersey Worker and Community Right-to-Know Act	Components	
	Pine Oil (CAS 8002-09-3)	
	2-Propanol (CAS 67-63-0)	
US.Pennsylvania RTK - Hazardous Substances	Components	
	2-Propanol (CAS 67-63-0)	
US.Rhode Island RTK		
US - California Proposition 65	California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This	

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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)	No
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)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances	No
Unites States Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*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 3/20/2015

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.

From the leader
in hard surface
floor care, a
revolutionary
product that
renovates floor
finish and restores
floors to maximum
gloss...

Like Magic!

**P&D
SHINE**

GLOSS RESTORER

Made from
Natural
Ingredients

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.

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Product No.: 0545

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A revolutionary product that will renovate and restore floor finish to maximum gloss... like magic!

Made from all natural ingredients, POP & SHINE™ contains specially selected polishing agents and cleaners that remove scratches and scuffs from floors while rejuvenating the floor to a brilliant lustre. Creates a more durable, longer wearing film. Saves labor; extends scrub & strip cycles. A must for every UHS Burnishing Floor Care program!

DIRECTIONS FOR USE:

FOR USE AS A SPRAY BUFF: Dilute product at a rate of 1 oz. per quart (1:32) into spray bottle; affix trigger sprayer. Spray product onto 10' x 10' section of floor to be buffed at one time. Using the AQUA MAGIC™ UHS Burnishing Pad, you may buff the floor using an ultra high speed burnisher and pad. Buff slowly to work the product into the film.

FOR USE AS A FLOOR RESTORER: Dilute product at a rate of 2 oz. per gallon (1:64) into bucket or automatic scrubber. Apply solution at 2500-3000 square feet per gallon (a little goes a long way!) When dry, buff the floor using an ultra high speed burnisher and AQUA MAGIC™ UHS Burnishing Pad. Buff slowly to work the product into the film.

NOTE: BE SURE THAT AN ADEQUATE AMOUNT OF FLOOR COATING IS PRESENT ON THE FLOOR.

FOR INTERIM FLOOR MAINTENANCE: Mix solution of 4 oz. per gallon (1:32). Lightly mop solution onto the floor and ultra high speed burnish the floor while still wet with an AQUA MAGIC™ UHS Burnishing Pad. This will remove deep scuffs and scratches from floor finish film and enhance overall gloss.

NOTE: PRODUCT MUST ALWAYS BE DILUTED BEFORE USE

DIRECCIONES PARA USO:

AEROSOL Y PULIMENTO: Diluya el producto de 1 porción a 32 porciones de agua. Aerosol el producto sobre 10' x 10' sección del piso. Con un disco del piso, pulimente el piso con el burnisher de UHS. Pulimente lentamente para trabajar el producto en la cera.

DIRECCIONES PARA RESTAURAR LUSTRE DE LA CERA: Diluya el producto de 1 porción a 64 porciones de agua. Moje el mop del piso ligeramente con la solución. Cuando el piso es seco, con un disco del piso, pulimente el piso con el burnisher de UHS. Pulimente lentamente para trabajar el producto en la cera.



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

Precautionary statement: Prevention:

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

Response: If in eyes: Rinse

cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. **Storage:** Store in a well-ventilated place. Keep container tightly closed. Keep cool. **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. One or more components are not listed on TSCA.

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: Use guantes de protección / protección para los ojos de protección / la cara. **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. Si persiste la irritación de los ojos: obtener una opinión médica y de atención.

Almacenamiento: Almacenar en un lugar bien ventilado. Mantener el recipiente herméticamente cerrado. Mantener la cabeza fría. **Eliminación:** Disponer de contenidos/contenedor de conformidad con local/regional/nacional/internacional.

Este producto es una "sustancia química peligrosa" que se define por la OSHA Hazard Communication Standard, 29 CFR 1910.1200. UDno o más componentes no están en la lista de la 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: Pine Oil CAS# 8002-09-3, 2-Propanol CAS # 67-63-0

FOR PROFESSIONAL USE ONLY • MADE IN USA



#0545

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