



ENVIRONMENTALLY RESPONSIBLE

ASPIRE™

Metal-Free Floor Sealer / Finish

DESCRIPTION

ASPIRE™ Metal-Free Floor Sealer/Finish is a technologically advanced "non-zinc" Sealer/Finish. It produces an immediate wet-look gloss and is buffable with a 330 - 2000 RPM equipment for long lasting beauty and performance. This environmentally responsible formulation meets the Green Seal Standard for Industrial and Institutional Floor-Care Products (GS-40).

ASPIRE Metal-Free Floor Sealer/Finish is recommended for use in Federal, State and Local Government Offices, Military Bases, Municipal Facilities, Day Care Centers, Hospitals, Nursing Homes, Office Buildings, Parks and Recreation Centers, Schools, Universities, Hotels, Lodging and any facility sensitive to environmental and human health characteristics.

PRODUCT FEATURES / BENEFITS

- Technologically advanced formula provides exceptional gloss and performance rivaling traditional zinc containing finishes.
- Contains no heavy metals that can be harmful to the environment and aquatic life.
- Contains no environmentally harmful surfactants and no environmentally toxic preservatives.
- Responds to burnishing with 300 - 2000 RPM equipment
- Sealer / Finish combination simplifies floor care maintenance and controls product costs.

DIRECTIONS FOR USE

Initial Floor Preparation: Completely remove the existing floor coating using recommended products. When starting an "environmentally responsible program" it is important to start with a bare floor. Make sure that the floor is clean and completely dry.

Application: Using a clean mop or applicator apply a thin uniform coat of Earth Sense® ASPIRE Metal-Free Floor Sealer / Finish. Allow to dry for a minimum of 30 minutes after each coat. Do not apply more than 4 coats in a 24 hour period.

High Speed Buffing and Burnishing: This is an ideal product for use with any speed polishing or burnishing equipment (electric, battery or

propane). For high speed buffing or UHS burnishing / restoration, use an NCL AQUA MAGIC Buffing Pad with POP & SHINE Gloss Restorer.

Maintenance: Maintain by dust mopping daily using mop treated with CONTROL Dust Mop Treatment. Damp mop or clean with an automatic scrubber as required, using Earth Sense® #16 pH NEUTRAL ALL-PURPOSE CLEANER.

Stripping: When stripping becomes necessary use a compatible Green Seal™ Certified Earth Sense® stripper following instructions on the original product label.

SPECIFICATIONS

Specific Gravity (g/cc)..... 1.02 ± 0.01
Density (lbs/gal) 8.5 ± 0.1
% Styrene (Free Monomer).....0.0
Color..... White, Opaque
Odor..... Mild acrylic

pH..... 7.9 ± 0.5
Heavy Metals..... None
Nonylphenol Ethoxolates..... None
Environmentally toxic preservatives None
Shelf Life..... 1 year minimum in original unopened container

ENVIRONMENTAL RECOGNITIONS



The EARTH SENSE® Seal of Assurance is self-certified by NCL, and identifies our products that are formulated to promote human health and worker safety with a preferred environmental profile.



This product meets Green Seal™ Standard GS-40 based on effective performance and protective limits on VOCs and human & environmental toxicity. GreenSeal.org.

DISPOSE OF UNUSED PRODUCT IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS - PLEASE RECYCLE CONTAINER

PPE Information: Respiratory protection is generally not required. No special ventilation is normally required. The use of safety glasses and gloves is recommended. No other protective equipment is required.



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

ENVIRONMENTAL PROFILE

Chemical Ingredients:

Heavy Metals (Zn):.....None
APE / NPE:.....None
Environmentally Toxic
PreservativesNone
Added Dyes:.....None
Added Fragrances:None

Environmental Impact:

Harmful to Water Systems:No
VOC Compliant (CARB, OTC) Yes
Recyclable Package Yes
ReactiveNo
FlammableNo
Combustible.....No

Human Toxicity:

Skin Corrosive:.....No
Eye Corrosive:.....No
Skin Sensitizer:No
Low Toxicity: Yes



World Class Cleaning Solutions®

401 N. 10th Street • Philadelphia, PA 19123
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www.nclonline.com • e-mail:info@nclonline.com

SAFETY DATA SHEET

Section 1 - Identification

Product Identifier	Earth Sense® ASPIRE Metal Free Floor Sealer/Finish
Other means of identification	0555
Recommended use	Floor finish.
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

	Classification	Category
Physical Hazards	Not Classified	
Health Hazards	Not Classified	
OSHA defined hazards	Not Classified.	
Label Elements		
Hazard Symbol	None.	
Signal Word	None	
Hazard Statement	Not available.	
Precautionary statement		
Prevention	Observe good industrial hygiene practices.	
Response	Wash thoroughly after handling.	
Storage	Store away from incompatible materials.	
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 #	%
	Diethylene Glycol Monoethyl Ether	111-90-0	1 - 5
	Tris(2-Butoxyethyl) Phosphate	78-51-3	1 - 5

Section 4 - First-aid Measures

Inhalation	Move to fresh air. Get medical attention if irritation persists.
Skin contact	Wash skin with soap and water. Get medical attention if irritation persists.
Eye contact	Flush eyes thoroughly with water for at least 15 minutes. Get medical attention if irritation persists.
Ingestion	Rinse mouth thoroughly with water. Seek medical advice.
Most Important symptoms / effects, acute and delayed	Mild eye irritation.
Indication of immediate medical attention and special treatment	Treat symptomatically.
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	Carbon dioxide, alcohol-resistant foam, dry chemical, water spray, or water fog.
Unsuitable extinguishing media	Not available.
Specific hazards arising from the chemical	None known.

SAFETY DATA SHEET

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. Use water spray to keep fire-exposed containers cool.
General fire hazards	This product is not flammable or combustible.

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures.	Isolate area. Keep unnecessary personnel away. Use personal protection as recommended in Section 8 of the SDS.
Methods and materials for containment and cleaning up	SMALL SPILLAGE: Absorb spillage with suitable absorbent material. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After removal flush contaminated area thoroughly with water. LARGE SPILLS: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After removal flush contaminated area thoroughly with water.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

Section 7 - Handling and storage

Precautions for safe handling	Avoid contact with eyes, skin, and clothing. Avoid breathing mist or vapor. Do not taste or swallow. Use with adequate ventilation. Wash thoroughly after handling. Use Personal Protective Equipment recommended in section 8 of the SDS.
Conditions for safe storage, including any incompatibilities	Store away from incompatible materials. Keep container closed.

Section 8 - Exposure control/personal protection

Occupational exposure limits

US. Workplace environmental Exposure Level (WEEL) Guides

Component	Type	Value
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)	TWA	140 mg/m³ , 25 ppm
Biological limit values	No biological exposure limits noted for the ingredient(s).	
Exposure guidelines	Use personal protective equipment as required. Keep working clothes separately.	
Appropriate engineering controls	Provide adequate ventilation and minimize the risk of inhalation of vapors and mists. Provide easy access to water supply and eye wash facilities.	
Individual protection measures, such as personal protective equipment		
Eye/face protection	Wear safety glasses. If splash potential exists, wear full face shield or chemical goggles.	
Skin protection		
Hand protection	Wear chemical-resistant, impervious gloves. Suitable gloves can be recommended by the glove supplier.	
Other	Wear appropriate chemical resistant clothing.	
Respiratory protection	Use a respirator when local exhaust or ventilation is not adequate to keep exposures below the OEL. In a confined space a supplied respirator may be required.	
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	Opaque Liquid.
Physical state	Liquid.
Form	Liquid.
Color	White.
Odor	Acrylic.
Odor threshold	Not available.
pH	7.8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	None to boiling.
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.

SAFETY DATA SHEET

Relative density	1.02 ± 0.01
Relative density temperature	75 °F (23.89 °C)
Solubilities	Disperses
Partition Coefficient n-octanol/water	Not available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity	< 10 cP
Viscosity Temperature	75 °F (23.89 °C)

Section 10 - Stability and reactivity

Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to Avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon monoxide. Carbon dioxide.

Section 11 - Toxicological information

Information on likely routes of exposure

Ingestion	No adverse effects due to ingestion are expected.
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	May cause eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics	May cause eye irritation. Prolonged or repeated skin contact may cause drying, cracking, or irritation.

Information on toxicological effects.

Acute toxicity	Not expected to be hazardous.
Skin corrosion/irritation	Prolonged or repeated contact may dry skin and cause irritation.
Serious eye damage/ eye irritation	May cause eye irritation.
Respiratory sensitization	Not classified.
Skin sensitization	Not available.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not available.

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	The product is expected to be biodegradable.	
Bioaccumulative potential	Not known.	
Partition coefficient n-octanol / water log (Kow)		
Components		Results
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)		-0.54
Tris(2-Butoxyethyl) Phosphate (CAS 78-51-3)		3.75
Mobility in soil	Not available.	
Mobility in general	The product is water soluble and may spread in water systems.	
Other adverse effects	None known.	

Section 13 - Disposal considerations

Disposal instructions	Dispose in accordance with applicable federal, state, and local regulations.
Local disposal regulations	Dispose of in accordance with local regulations.
Hazardous waste code	Waste codes should be assigned by the user based on the application for which the product was used.

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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 not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
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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
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)	LISTED
Tris(2-Butoxyethyl) Phosphate (CAS 78-51-3)	LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories	Immediate Hazard	No
	Delayed Hazard	No
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No

SARA 302 Extremely hazardous substance No

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Chemical name	CAS #	% by wt.
Diethylene Glycol Monoethyl Ether	111-90-0	1 - 5
Tris(2-Butoxyethyl) Phosphate	78-51-3	1 - 5

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List

Components
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)
Tris(2-Butoxyethyl) Phosphate (CAS 78-51-3)

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
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)
Tris(2-Butoxyethyl) Phosphate (CAS 78-51-3)

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

Components
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)
Tris(2-Butoxyethyl) Phosphate (CAS 78-51-3)

US.Pennsylvania RTK - Hazardous Substances

Components
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)
Tris(2-Butoxyethyl) Phosphate (CAS 78-51-3)

US.Rhode Island RTK

Components
Diethylene Glycol Monoethyl Ether (CAS 111-90-0)
Tris(2-Butoxyethyl) Phosphate (CAS 78-51-3)

US - California Proposition 65

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

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)	Yes

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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	5/28/2014
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:

Initial Floor Preparation: Completely remove the existing floor coating using recommended products. When starting an "environmentally responsible program" it is important to start with a bare floor. Make sure that the floor is clean and completely dry.

Application: Using a clean mop or applicator apply a thin uniform coat of Earth Sense® ASPIRE™ Metal Free Floor Sealer / Finish. Allow to dry for a minimum of 30 minutes after each coat. Do not apply more than 4 coats in a 24 hour period.

High Speed Buffing and Burnishing: This is an ideal product for use with any speed polishing or burnishing equipment (electric, battery or propane). For high speed buffing or UHS burnishing / restoration, use an NCL AQUA MAGIC™ Buffing Pad with POP & SHINE™ Gloss Restorer.

Maintenance: Maintain by dust mopping daily using mop treated with CONTROL™ Dust Mop Treatment. Damp mop or clean with an automatic scrubber as required, using Earth Sense® #16 pH NEUTRAL ALL-PURPOSE CLEANER.

Stripping: When stripping becomes necessary use a compatible Green Seal™ Certified NCL Earth Sense® Stripper following directions of the product label.

DISPOSE OF UNUSED PRODUCT IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS - PLEASE RECYCLE CONTAINER

PPE Information: Respiratory protection is generally not required. No special ventilation is normally required. The use of safety glasses and gloves is recommended. No other protective equipment is required.

Instrucciones para Uso:

Preparación inicial del piso: Quitar totalmente el piso existente que cubre con productos recomendados. Al comenzar "un programa ambientalmente responsable" es importante comenzar con un pelado solar. Cerciorarte de que el piso sea limpio y totalmente seco.

Uso: Con un mop o un aplicador limpio aplicar una capa uniforme fina del Earth Sense® ASPIRE™ Metal Free Floor Sealer / Finish. Permitir para secarse para un mínimo de 30 minutos después de cada capa. No aplicar más de 4 capas en 24 períodos de la hora.

El pulimentar de alta velocidad y pulimento: Esto es un producto ideal para el uso con cualquier velocidad que pule o que pule el equipo (eléctrico, batería o propano). Para pulimentar de alta velocidad o el pulimento/restauración de UHS, utilizar un cojín que pulimenta AQUA MAGIC™ de NCL con POP & SHINE™ el restaurador del lustre.

Mantenimiento: Mantener por el polvo que alojifica el diario usando el mop tratado con el tratamiento del Mop del polvo del CONTROL™. Humedecer el mop o limpiar con un depurador automático como sea necesario, usando el Earth Sense® #16 pH Neutral All-Purpose Cleaner.

El pelar: Al remover convierte en necesario, utilice un dispositivo compatible Green Seal™ Certified NCL Earth Sense® Stripper siguientes direcciones certificados verdes de la etiqueta del producto.

ELIMINE EL PRODUCTO SIN UTILIZAR DE ACUERDO CON LAS NORMAS LOCALES, ESTATALES Y FEDERALES. FAVOR DE RECICLAR EL CONTENEDOR.

Información PPE: Generalmente no se requiere protección respiratoria. Normalmente se requiere ventilación especial. Se recomienda el uso de gafas de seguridad y guantes. No se requiere ningún otro equipo de protección.



World Class Cleaning Solutions®



Aspire™

Metal-Free Sealer / Finish

A multi-speed, wet look sealer / finish formulated to exhibit exceptional performance in high traffic areas!

KEEP OUT OF REACH OF CHILDREN. / SUBSISTENCIA FUERA DEL ALCANCE DE NIÑOS

See side panel for additional precautionary statements. / 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



Finishing

KEEP OUT OF REACH OF CHILDREN.

Precautionary statement

Prevention: Observe good industrial hygiene practices.

Response: Wash thoroughly after handling.

Storage: Store away from incompatible materials.

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

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Additional safety measures:

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

Inhalation: Move to fresh air. Get medical attention if symptoms occur.

Skin contact: Wash skin with soap and water. Get medical attention if irritation develops or persists.

Eye contact: Flush eyes thoroughly with water for at least 15 minutes. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth thoroughly with water. Seek medical advice.

KEEP FROM FREEZING

CONTAINS: Diethylene Glycol Monoethyl Ether CAS# 111-90-0, Tri(2-Butoxyethyl) Phosphate CAS# 78-51-3



Floor Coating and Finishing Material
As To Slip Resistance Only
18 EL



World Class Cleaning Solutions®

SUBSISTENCIA FUERA DEL ALCANCE DE NIÑOS.

Palabra de advertencia

Prevención: Mantenga buenas prácticas de higiene industrial.

Respuesta: Lávese las manos después del uso.

Almacenamiento: Consérvese alejado de materiales incompatibles.

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

Este producto no se considera peligroso según la Norma de Comunicación de Peligros (Hazard Communication Standard) de OSHA, 29 CFR 1910.1200.

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

Inhalación: Traslade al aire libre. Obtenga atención médica en caso de síntomas.

Contacto cutáneo: Lavar la piel con jabón y agua. Buscar atención médica si la irritación aumenta o persiste.

Contacto ocular: Enjuagar los ojos cuidadosamente con abundante agua durante al menos 15 minutos. Buscar atención médica si la irritación se desarrolla y persiste.

Ingestión: Enjuáguese la boca cuidadosamente con agua. Busque atención médica.

★★ MADE IN USA ★★

0555-29-0215



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



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

