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.

<table>
<thead>
<tr>
<th>Category</th>
<th>Physical Hazards</th>
<th>Health Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classification</td>
<td>Not Classified</td>
<td>Serious eye damage/eye irritation</td>
</tr>
</tbody>
</table>

Label Elements

<table>
<thead>
<tr>
<th>Hazard Symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>!</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dodecylbenzenesulfonate</td>
<td>25155-30-0</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Nonylphenol, ethoxylated</td>
<td>9016-45-9</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

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.

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.

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
This product is miscible in water.

SMALL SPILLS: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

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.

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. 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
If use of product risks exposure to contact, wear safety glasses with side shields.

Skin protection

Hand protection
Impervious gloves are recommended for prolonged use.

Other
If use of product risk exposure to contact, 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.
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 (23.9 °C)
Solubilities (water): 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 (23.9 °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.

<table>
<thead>
<tr>
<th>Components</th>
<th>Level</th>
<th>Type</th>
<th>Code</th>
<th>Species</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonylphenol, ethoxylated (CAS 9016-45-9)</td>
<td>Acute</td>
<td>Oral</td>
<td>LD50</td>
<td>Mouse</td>
<td>4290 mg/kg, bw</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Component</th>
<th>Level</th>
<th>Type</th>
<th>Code</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonylphenol, ethoxylated</td>
<td>Acute</td>
<td>Contact</td>
<td>LD50</td>
<td>Daphnia magna</td>
<td>65 mg/l, 48 hours</td>
</tr>
</tbody>
</table>
Crustacea  
EC50  Water flea (Daphnia magna)  
LC50  Bluegill (lepoimis macrourus)  
Fish  
Sodium dodecylbenzenesulfonate, 25155-30-0  
Aquatic  
Acute  
Crustacea  
EC50  Water flea (Ceriodaphnia dubia)  
Fish  
LC50  Rainbow trout, donaldson trout ( Oncorhynchus mykiss)  

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  
Sodium dodecylbenzenesulfonate (CAS 25155-30-0)  
0.45  

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.  
CERCLA Hazardous Substance List (40 CFR 302.4)  
Components  
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  
Sodium dodecylbenzenesulfonate (CAS 25155-30-0)  
US.New Jersey Worker and Community Right-to-Know Act  
Sodium dodecylbenzenesulfonate (CAS 25155-30-0)  
US.Pennsylvania RTK - Hazardous Substances  
Sodium dodecylbenzenesulfonate (CAS 25155-30-0)
International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory Name</th>
<th>On Inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances</td>
<td>Yes</td>
</tr>
<tr>
<td>United States</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Puerto Rico</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*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).

US - Rhode Island RTK
Components
Sodium dodecylbenzenesulfonate (CAS 25155-30-0)

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.

Components
Sodium dodecylbenzenesulfonate (CAS 25155-30-0)

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

Revision date 1/17/2018

Version # 02

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