SAFETY DATA SHEET

Section 1 - Identification

Product Identifier
DECADE Semi-Permanent / Stain Resistant Water-based Sealer

Other means of identification
0523

Recommended use
Floor sealer.

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

Physical Hazards
Not Classified

Health Hazards
Not Classified

OSHA defined hazards
Not Classified

Label Elements

Hazard Symbol
None.

Signal Word
Not Available

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
2-(2-Butoxyethoxy) Ethanol
Diethylene Glycol Monoethyl Ether
Tris(2-Butoxyethyl) Phosphate
CAS #
112-34-5
111-90-0
78-51-3
%
1 - 5
1 - 5
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.
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Specific hazards arising from the chemical
None known.

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: Diethylene Glycol Monoethyl Ether (CAS 111-90-0)
Type: TWA
Value: 140 mg/m³, 25 ppm

US. ACGIH Threshold Limit Values
Component: 2-(2-Butoxyethoxy) Ethanol (CAS 112-34-5)
Type: TWA
Value: 10 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
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
8.2

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 Equal to water.
Vapor density Equal to water.
Relative density 1.02 ± 0.01
Relative density temperature 75 °F (23.89 °C)
Solubilities Soluble
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 Not available.
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 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.

Acute toxicity Not expected to be hazardous.

<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>2-(2-Butoxyethoxy) Ethanol (CAS 112-34-5)</td>
<td>Acute</td>
<td>Dermal</td>
<td>LD50</td>
<td>Rabbit</td>
<td>2764 mg/kg, (M</td>
</tr>
</tbody>
</table>

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 classified.

**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) Results

<table>
<thead>
<tr>
<th>Components</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(2-Butoxyethoxy) Ethanol (CAS 112-34-5)</td>
<td>0.56</td>
</tr>
</tbody>
</table>

Mobility in soil Not available.
Mobility in general The product is water soluble and may spread in water systems.
Other adverse effects None known.
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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 | This substance/mixture is not intended to be transported in bulk. |
| according to Annex II of MARPOL 73/78 and IBC Code | |

Section 15 - Regulatory Information

US federal regulations

| TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D) | Not regulated. |
| 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 |
| 2-(2-Butoxyethoxy) Ethanol (CAS 112-34-5) | LISTED |
| Superfund Amendments and Reauthorization Act of 1986 (SARA) | |
| Hazard Categories | Chemical name | CAS # | % by wt. |
| Immediate Hazard | Diethylene Glycol Monoethyl Ether | 111-90-0 | 1 - 5 |
| Delayed Hazard | Tris(2-Butoxyethyl) Phosphate | 78-51-3 | 1 - 5 |
| Fire Hazard | 2-(2-Butoxyethoxy) Ethanol | 112-34-5 | 1 - 5 |
| Pressure Hazard | | | |
| Reactivity Hazard | | | |
| SARA 302 Extremely hazardous substance | No |
| SARA 311/312 Hazardous chemical | No |
| SARA 313 (TRI reporting) | |

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) | |
| 2-(2-Butoxyethoxy) Ethanol (CAS 112-34-5) | |
| 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-(2-Butoxyethoxy) Ethanol (CAS 112-34-5) | |
| 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 |
| 2-(2-Butoxyethoxy) Ethanol (CAS 112-34-5) | |
| Diethylene Glycol Monoethyl Ether (CAS 111-90-0) | |
| Tris(2-Butoxyethyl) Phosphate (CAS 78-51-3) | |
| US.Pennsylvania RTK - Hazardous Substances | Components |
| 2-(2-Butoxyethoxy) Ethanol (CAS 112-34-5) | |
| Diethylene Glycol Monoethyl Ether (CAS 111-90-0) | |
| Tris(2-Butoxyethyl) Phosphate (CAS 78-51-3) | |
International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory Name</th>
<th>On Inventory (yes/no)*</th>
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</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>Yes</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>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notifed Chemical Substances (ELINCS)</td>
<td>Yes</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 Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</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).

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.

US.Rhode Island RTK

Components
2-(2-Butoxyethoxy) Ethanol (CAS 112-34-5)
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.

Philippine Inventory of Chemicals and Chemical Substances

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