**SAFETY DATA SHEET**

### Section 1 - Identification

<table>
<thead>
<tr>
<th>Product Identifier</th>
<th>FOAM-BREAK Concentrated Carpet Defoamer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other means of identification</td>
<td>0650</td>
</tr>
<tr>
<td>Recommended use</td>
<td>Defoamer.</td>
</tr>
<tr>
<td>Recommended restrictions</td>
<td>For commercial and industrial use only.</td>
</tr>
</tbody>
</table>

**Manufacturer / Importer / Supplier / Distributor Information**

<table>
<thead>
<tr>
<th>Company Name</th>
<th>National Chemical Laboratories of PA, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>401 N. 10th Street - Philadelphia, PA 19123</td>
</tr>
<tr>
<td>Telephone</td>
<td>1 (215) 922-1200</td>
</tr>
<tr>
<td>Supplier Email</td>
<td><a href="mailto:info@ncionline.com">info@ncionline.com</a></td>
</tr>
<tr>
<td>Contact</td>
<td>CHEM-TEL</td>
</tr>
<tr>
<td>Emergency Phone</td>
<td>1 (800) 255-3924</td>
</tr>
</tbody>
</table>

### Section 2 - Hazard(s) Identification

<table>
<thead>
<tr>
<th>Physical Hazards</th>
<th>Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Hazards</td>
<td>Not Classified</td>
<td></td>
</tr>
<tr>
<td>OSHA defined hazards</td>
<td>Not Classified</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Label Elements</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Symbol</td>
<td>None</td>
</tr>
<tr>
<td>Signal Word</td>
<td>None</td>
</tr>
<tr>
<td>Hazard Statement</td>
<td>The mixture does not meet the criteria for classification.</td>
</tr>
<tr>
<td>Precautionary statement</td>
<td></td>
</tr>
<tr>
<td>Prevention</td>
<td>Observe good industrial hygiene practices.</td>
</tr>
<tr>
<td>Response</td>
<td>Wash thoroughly after handling.</td>
</tr>
<tr>
<td>Storage</td>
<td>Store away from incompatible materials.</td>
</tr>
<tr>
<td>Disposal</td>
<td>Dispose of contents/container in accordance with local/regional/national/international regulations.</td>
</tr>
<tr>
<td>Hazard(s) not otherwise classified (HNOC)</td>
<td>None known.</td>
</tr>
</tbody>
</table>

### Section 3 - Composition/Information on ingredients

**Mixture**

The components are not hazardous or are below required disclosure limits.

### Section 4 - First-aid Measures

| Inhalation          | Move to fresh air. Get medical attention if irritation persists. |
| Skin contact        | Wash with plenty of soap and water. Get medical attention if irritation persists. |
| Eye contact         | Rinse with water. Get medical attention if irritation persists. |
| Ingestion           | Rinse mouth. Get medical attention if irritation persists. |
| Most Important symptoms /effects, acute and delayed | Direct contact with eyes may cause temporary 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 | 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. |
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**Specific hazards arising from the chemical**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Special protective equipment and precautions for firefighters**

Move containers from fire area if you can do it without risk.

**Fire-fighting equipment /instructions**

No unusual fire or explosion hazards noted.

**General fire hazards**

Use standard firefighting procedures and consider the hazards of other involved materials.

**Specific Methods**

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.**

Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up**

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

LARGE SPILLS: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area 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.

**Precautions for safe handling**

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 7 - Handling and storage**

**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. Eye wash facilities and emergency shower must be available when handling this product.

**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**

Impervious gloves are recommended for prolonged use.

**Hand protection**

If use of product risk exposure to contact, wear suitable protective clothing.

**Other**

In case of insufficient ventilation, wear suitable respiratory equipment. No personal respiratory protective equipment normally required.

**Respiratory protection**

Wear appropriate thermal protective clothing, when necessary.

**Thermal hazards**

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**

White, turbid liquid.

**Physical state**

Liquid.

**Form**

Liquid.

**Color**

White.

**Odor**

Odorless.

**Odor threshold**

Not available.

**pH**

7.0

**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.
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Relative density: 1.01 ± 0.01
Relative density temperature: 75 °F (23.9 °C)
Solubilities (water): Soluble
Partition Coefficient n-octanol/water: Not available
Auto-ignition temperature: Not Available
Decomposition temperature: Not Available
Viscosity: 450 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
Inhalation: No adverse effects due to inhalation are expected.
Ingestion: Expected to be a low ingestion hazard.
Skin contact: No adverse effects due to skin contact are expected.
Eye contact: Direct contact with eyes may cause temporary irritation.
Symptoms related to the physical, chemical and toxicological characteristics: Direct contact with eyes may cause temporary irritation.

Information on toxicological effects.
Acute toxicity: Not expected to be acutely toxic.
Skin corrosion/irritation: Prolonged or repeated contact may dry skin and cause irritation.
Serious eye damage/eye irritation: Direct contact with eyes may cause temporary 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 available.
Further information: This product has no known adverse effect on human health.

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.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Mobility in general: The product is water soluble and may spread in water systems.
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.
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.

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)
Not 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
Not listed.

SARA 311/312 Hazardous chemical
No

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
Not regulated.

US. New Jersey Worker and Community Right-to-Know Act
Not listed.

US. Pennsylvania RTK - Hazardous Substances
Not listed.

US. Rhode Island RTK
Not regulated.

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

<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>Yes</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 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

Revision date 1/17/2018
Version # 02
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