SAFETY DATA SHEET

Section 1 - Identification

Product Identifier: TRIGGER Instant Mildew Stain Remover

Recommended use: Mildew stain remover.

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

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.

Physical Hazards

Classification: Not Classified

OSHA defined hazards

Not Classified.

Health Hazards

Category:

Hazard Statement: Causes serious eye irritation. Causes skin irritation.

Precautionary statement

Prevention: Wash thoroughly after handling. Wear protective gloves and eye/face protection. Do not breathe spray or mist.

Response: If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. 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 away from incompatible materials.

Disposal: Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise classified (HNOC)

Not classified.

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 Hypochlorite</td>
<td>7681-52-9</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

Section 4 - First-aid Measures

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

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

Eye contact: Immediately rinse eyes with water. Remove any contact lenses, and continue flushing eyes with running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Get immediate medical attention.

Ingestion: Rinse mouth thoroughly with water. DO NOT induce vomiting. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head lower than the hips to help prevent aspiration. Call a physician or poison control center immediately.
Most Important symptoms /effects, acute and delayed
Indication of immediate medical attention and special treatment
General Information

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Causes serious eye irritation. Causes skin irritation. Exposure to high concentrations of spray or mist may aggravate existing medical conditions: heart conditions, or chronic respiratory conditions such as asthma, emphysema, or obstructive lung disease. Treat symptomatically.

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Suitable extinguishing media
Unsuitable extinguishing media
Specific hazards arising from the chemical
Special protective equipment and precautions for firefighters
Fire-fighting equipment /instructions

This product is not combustible. Use any media appropriate for surrounding material.

None known.

Thermal decomposition will release corrosive and toxic gasses, including chlorine and various chlorine compounds

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

Move containers from fire area if you can do it without risk. Use water spray to keep fire-exposed containers cool.

Section 5 - Fire-fighting measures

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures.
Methods and materials for containment and cleaning up
Environmental precautions

Isolate area. Keep unnecessary personnel away. Use personal protection as recommended in Section 8 of the SDS.

Small Spills: Absorb spillage with suitable absorbent material.

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.

Avoid discharge into drains, water courses or onto the ground.

Section 7 - Handling and storage

Precautions for safe handling
Conditions for safe storage, including any incompatibilities

Avoid contact with eyes, skin, and clothing. Use Personal Protective Equipment recommended in section 8 of the SDS.

Store away from incompatible materials. Keep container closed.

Section 8 - Exposure control/personal protection

Occupational exposure limits
Biological limit values
Exposure guidelines
Appropriate engineering controls

No exposure limits noted for ingredient(s).

No biological exposure limits noted for the ingredient(s).

Use personal protective equipment as required. Keep working clothes separately.

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
Skin protection
Hand protection
Other
Respiratory protection
Thermal hazards
General hygiene considerations

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

Impervious gloves are recommended for prolonged use.

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

In case of inadequate ventilation, use respiratory protection.

Wear appropriate thermal protective clothing, when necessary.

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
Physical state
Form
Color
Odor
Odor threshold
pH
Melting point/freezing point
Initial boiling point and boiling range
Flash point
Evaporation rate
Flammability (solid, gas)
Upper/lower flammability or explosive limits

Liquid.
Clear Liquid.
Pale Straw.
Mystic™ (mild herbal)
Not available.
12.8
Not available.
212 °F (100 °C)
None to boiling.
Not available.
Not applicable.
Not applicable.
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**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**  
1.08 ± 0.01

**Relative density temperature**  
75 °F (23.9 °C)

**Solubilities (water)**  
100 % Soluble.

**Partition Coefficient n-octanol/water**  
Not available

**Auto-ignition temperature**  
Not Available

**Decomposition temperature**  
Not Available

**Viscosity**  
< 10 cP

**Viscosity Temperature**  
75 °F (23.9 °C)

**Relative density**  
1.08 ± 0.01

**Vapor density**  
Similar to water.

**Relative density temperature**  
75 °F (23.9 °C)

**Solubilities (water)**  
100 % Soluble.

**Partition Coefficient n-octanol/water**  
Not available

**Auto-ignition temperature**  
Not Available

**Decomposition temperature**  
Not Available

**Viscosity**  
< 10 cP

**Viscosity Temperature**  
75 °F (23.9 °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**  
Contact with other household products such as glass cleaners, toilet bowl cleaners or rust removers that containing chemicals such as ammonia, amines or vinegar or other acids to produce chlorine and other chlorinated compounds.

**Conditions to Avoid**  
Contact with incompatible materials.

**Incompatible materials**  
Acids or, ammonia or other amine compounds.

**Hazardous Decomposition Products**  
chlorine and other chlorinated compounds

**Section 11 - Toxicological information**

**Information on likely routes of exposure**

- **Ingestion**  
  May cause irritation to mucous membranes and gastrointestinal tract, nausea, vomiting, and diarrhea

- **Inhalation**  
  Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

- **Skin contact**  
  Causes skin irritation.

- **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 classified.

- **Skin corrosion/irritation**  
  Causes skin irritation.

- **Serious eye damage/ eye irritation**  
  Causes serious 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**  
Contains an ingredient that is highly toxic to freshwater fish and invertebrates

**Component(s)**

**Sodium Hypochlorite, 7681-52-9**

**Aquatic**

<table>
<thead>
<tr>
<th>Level</th>
<th>Type</th>
<th>Code</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute</td>
<td>Crustacea</td>
<td>EC50</td>
<td>Water flea (Ceriodaphnia dubia)</td>
<td>0.169 mg/l 24 hr</td>
</tr>
<tr>
<td>Fish</td>
<td></td>
<td>LC50</td>
<td>Bluegill (Lepomis macrochirus)</td>
<td>0.58 mg/l 96 hr</td>
</tr>
</tbody>
</table>

**Persistence and degradability**  
No information available.

**Bioaccumulative potential**  
Not known.
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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.
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
UN number UN1791
Proper shipping name Hypochlorite solutions
Transport hazard class(es) 8
Packing group III
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IATA
UN number UN1791
UN proper shipping name Hypochlorite solutions
Transport hazard class(es) 8
Packing group III
ERG Code 8L
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IMDG
UN number UN1791
UN proper shipping name HYPOCHLORITE SOLUTIONS
Transport hazard class(es) 8
Packing group III
EmS F-A, S-B
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

General Information
The transportation information provided represents the regulatory transport classification of the product without consideration to packaging, quantity, or modal restrictions and exceptions. It is the user's responsibility to determine the appropriate packaging and modal requirements and/or limitations for the product quantity being shipped.

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.

TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D) Not regulated.
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 Yes
SARA 302 Extremely hazardous substance No
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.
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Safe Drinking Water Act (SDWA) Not regulated.
Food and Drug Administration (FDA) Not regulated.

US state regulations

US. Massachusetts RTK - Substance List Components
  Sodium Hypochlorite (CAS 7681-52-9)

US. New Jersey Worker and Community Right-to-Know Act Components
  Sodium Hypochlorite (CAS 7681-52-9)

US. Pennsylvania RTK - Hazardous Substances Components
  Sodium Hypochlorite (CAS 7681-52-9)

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>
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<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
References HSDB® - Hazardous Substances Data Bank
           HPVIS - High Production Volume Information System
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