SAFETY DATA SHEET

Section 1 - Identification

Product Identifier: 20X Window & Glass Cleaner Concentrate RTU
Other means of identification: 1325 (1-20)
Recommended use: Glass cleaner RTU.
Recommended restrictions: For commercial and industrial use only. User prepared Ready-To-Use solution. 1:20 in water.

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

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

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): Not classified.

Section 3 - Composition/Information on ingredients

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

Section 4 - First-aid Measures

Inhalation: If symptomatic, move to fresh air. Get medical attention if symptoms persist.
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: If you feel unwell, seek medical advice (show the label where possible).

Most Important symptoms/effects, acute and delayed: Not available.
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 spray, fog, CO2, dry chemical, or alcohol resistant foam.
Unsuitable extinguishing media: None known.
Specific hazards arising from the chemical: None known.
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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.

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. 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
No exposure limits noted for ingredient(s).

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
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 inadequate ventilation, use respiratory protection.

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.

Physical state
Liquid.

Form
Liquid.

Color
Blue.

Odor
None.

Odor threshold
Not available.

pH
10.5

Melting point/freezing point
Not available.

Initial boiling point and boiling range
212 °F (100 °C)

Flash point
> 212.0 °F (> 100.0 °C)

Evaporation rate
Not available.

Flammability (solid, gas)
Not applicable.

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

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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
Hazardous polymerization does not occur.
Conditions to Avoid
Contact with incompatible materials.
Incompatible materials
Strong oxidizing agents.
Hazardous Decomposition Products
Carbon oxides. Nitrogen oxides.

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 contact may dry skin and cause irritation.
Eye contact
May cause eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics
Not available.

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 classified.
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.
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

General Information
This product is customer diluted for on site use only. No transportation information is anticipated or provided. The regulatory transport classification of the product without consideration to dilution strength, packaging, quantity, or modal restrictions and exceptions can not be anticipated. 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 not known to be 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) 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 No
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.
Drug Enforcement Administration (DEA), List 1, 2 Not regulated.
Exempt Chemical Mixtures (21 CFR 1310.12(c)) Not regulated.
DEA Exempt Chemical Mixtures Code Number 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
Country(s) or region Inventory Name On Inventory (yes/no)*
Australia Australian Inventory of Chemical Substances (AICS) No
Canada Domestic Substances List (DSL) No
Canada Non-Domestic Substances List (NDSL) No
China Inventory of Existing Chemical Substances in China (IECSC) No
Europe European Inventory of Existing Commercial Chemical Substances (EINECS) No
Europe European List of Notified Chemical Substances (ELINCS) No
Japan Inventory of Existing and New Chemical Substances (ENCS) No
Korea Existing Chemicals List (ECL) No
New Zealand New Zealand Inventory No
Philippines Philippine Inventory of Chemicals and Chemical Substances No
Unites States Puerto Rico Toxic Substances Control Act (TSCA) Inventory No

*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
Further information Not available.
References HSDB® - Hazardous Substances Data Bank
HPVIS - High Production Volume Information System
Disclaimer

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