



World Class Cleaning &amp; Hygiene Solutions™

# NATIONAL CHEMICAL LABORATORIES, INC.

## SAFETY DATA SHEET

### Section 1 - Identification

<b>Product Identifier</b>	Earth Sense® DUAL-BLEND #1 Glass & Window Cleaner (Concentrate)
<b>Other means of identification</b>	5071
<b>Recommended use</b>	Glass cleaner.
<b>Recommended restrictions</b>	For commercial and industrial use only.
<b>Manufacturer / Importer / Supplier / Distributor Information</b>	
<b>Company Name</b>	National Chemical Laboratories of PA, Inc.
<b>Address</b>	401 N. 10th Street - Philadelphia, PA 19123
<b>Telephone</b>	1 (215) 922-1200
<b>Supplier Email</b>	info@nclonline.com
<b>Contact</b>	CHEM-TEL
<b>Emergency Phone</b>	1 (800) 255-3924

### Section 2 - Hazard(s) Identification

	Classification	Category
<b>Physical Hazards</b>	Not Classified	
<b>Health Hazards</b>	Serious eye damage/eye irritation	2B
<b>OSHA defined hazards</b>	Not Classified.	
<b>Label Elements</b>		
<b>Hazard Symbol</b>	None.	
<b>Signal Word</b>	Warning	
<b>Hazard Statement</b>	Causes eye irritation.	
<b>Precautionary statement</b>		
<b>Prevention</b>	Wear eye/face protection. Wash thoroughly after handling.	
<b>Response</b>	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.	
<b>Storage</b>	Store away from incompatible materials.	
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.	
<b>Hazard(s) not otherwise classified (HNOC)</b>	Not classified.	

### Section 3 - Composition/Information on ingredients

<b>Mixture</b>			
<b>Hazardous Components</b>	Ingredient Name	CAS #	%
	Surfactant & Complexing agent	Mixture	60 - 80
<b>Composition Comments</b>	Chemical identity of the components is a trade secret of the manufacturer. Components not listed are either non-hazardous or are below reportable limits.		

### Section 4 - First-aid Measures

<b>Inhalation</b>	Move to fresh air. Get medical attention if symptoms occur.
<b>Skin contact</b>	Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention if irritation develops or persists.
<b>Eye contact</b>	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. If irritation persists, get medical attention
<b>Ingestion</b>	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.
<b>Most Important symptoms /effects, acute and delayed</b>	Causes eye irritation. Prolonged skin contact may cause irritation.
<b>Indication of immediate medical attention and special treatment</b>	Treat symptomatically.

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**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, CO<sub>2</sub>, dry chemical, or alcohol resistant foam.

**Unsuitable extinguishing media** None known.

**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.

### 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.  
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. No fragrance added.

**Odor threshold** Not available.

**pH** 11.5 ± 0.5 (Conc)  
10.4 ± 0.5 (1:100)

**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.

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<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Similar to water.
<b>Vapor density</b>	Similar to water.
<b>Relative density</b>	1.09 ± 0.01
<b>Relative density temperature</b>	75 °F (23.9 °C)
<b>Solubilities (water)</b>	100 % Soluble.
<b>Partition Coefficient n-octanol/water</b>	Not available
<b>Auto-ignition temperature</b>	Not Available
<b>Decomposition temperature</b>	Not Available
<b>Viscosity</b>	< 10 cP
<b>Viscosity Temperature</b>	75 °F (23.9 °C)

### Section 10 - Stability and reactivity

<b>Reactivity</b>	The product is non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Stable at normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Oxidizing agents.
<b>Hazardous Decomposition Products</b>	None known.

### Section 11 - Toxicological information

#### Information on likely routes of exposure

<b>Ingestion</b>	May be harmful if swallowed.
<b>Inhalation</b>	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
<b>Skin contact</b>	Prolonged skin contact may cause irritation.
<b>Eye contact</b>	Causes eye irritation.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Causes skin and eye irritation.

#### Information on toxicological effects.

<b>Acute toxicity</b>	May be harmful if swallowed.
<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause irritation.
<b>Serious eye damage/ eye irritation</b>	Causes eye irritation.
<b>Respiratory sensitization</b>	Not classified.
<b>Skin sensitization</b>	Not classified.
<b>Germ cell mutagenicity</b>	Not classified.
<b>Carcinogenicity</b>	Not classified.
<b>Reproductive toxicity</b>	Not classified.
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not available.

### Section 12 - Ecological Information

<b>Ecotoxicity</b>	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.
<b>Persistence and degradability</b>	The product is expected to be biodegradable.
<b>Bioaccumulative potential</b>	Not known.
<b>Mobility in soil</b>	Not available.
<b>Mobility in general</b>	The product is water soluble and may spread in water systems.
<b>Other adverse effects</b>	None known.

### Section 13 - Disposal considerations

<b>Disposal instructions</b>	Dispose in accordance with applicable federal, state, and local regulations.
<b>Local disposal regulations</b>	Dispose of in accordance with local regulations.

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<b>Hazardous waste code</b>	Waste codes should be assigned by the user based on the application for which the product was used.
<b>Waste from residues / unused products</b>	Dispose in accordance with all applicable regulations.
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

### Section 14 - Transport information

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.
<b>Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code</b>	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.

<b>TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D)</b>	Not regulated.
<b>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>	Not on regulatory list.
<b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>	Not listed.
<b>Superfund Amendments and Reauthorization Act of 1986 (SARA)</b>	
<b>Hazard Categories</b>	
Immediate Hazard	Yes
Delayed Hazard	No
Fire Hazard	No
Pressure Hazard	No
Reactivity Hazard	No
<b>SARA 302 Extremely hazardous substance</b>	No
<b>SARA 311/312 Hazardous chemical</b>	Yes
<b>SARA 313 (TRI reporting)</b>	Not regulated.

**Other federal regulations**

<b>Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List</b>	Not regulated.
<b>Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)</b>	
<b>Safe Drinking Water Act (SDWA)</b>	Not regulated.
<b>Food and Drug Administration (FDA)</b>	Not regulated.

**US state regulations**

<b>US.Massachusetts RTK - Substance List</b>	Not regulated.
<b>US.New Jersey Worker and Community Right-to-Know Act</b>	Not listed.
<b>US.Pennsylvania RTK - Hazardous Substances</b>	Not listed.
<b>US.Rhode Island RTK</b>	Not regulated.
	California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to expose you to 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)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances	Yes
Unites States Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*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

<b>Revision date</b>	1/17/2021
<b>Version #</b>	02
<b>Further information</b>	Meets Green Seal's requirments for acute toxicity at the as-used dilution.
<b>References</b>	HSDB® - Hazardous Substances Data Bank HPVIS - High Production Volume Information System

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**HMIS Hazard Codes**

PPE A

**Disclaimer**

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