



World Class Cleaning & Hygiene Solutions™

# NATIONAL CHEMICAL LABORATORIES, INC.

## SAFETY DATA SHEET

### Section 1 - Identification

**Product Identifier** PROLEX LTR-250 Premium Low Temperature Rinse Additive  
**Other means of identification** 1122  
**Recommended use** Rinse additive.  
**Recommended restrictions** For commercial and industrial use only. This product is intended to be diluted prior to use.

#### 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

SDS Hazards and Warnings are based on the undiluted product. Refer to diluted SDS for Ready-To-Use Hazards and Warnings.

	Classification	Category
<b>Physical Hazards</b>	Not Classified	
<b>Health Hazards</b>	Serious eye damage/eye irritation	2A
	Skin corrosion/irritation	2
<b>OSHA defined hazards</b>	Not Classified.	

#### Label Elements

##### Hazard Symbol



**Signal Word** Warning

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

**Precautionary statement**

**Prevention** Wash thoroughly after handling. Wear protective gloves. Wear eye/face protection.

**Response** If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

**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	CAS #	%
	Alcohols, C10-C12, ethoxylated, propoxylated	68154-97-2	1 - 5
	Ethyl Alcohol	67-63-0	1 - 5

**Composition Comments** Components not listed are either non-hazardous or are below reportable limits.

### Section 4 - First-aid Measures

**Inhalation** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if irritation develops and persists.

**Skin contact** Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

**Ingestion** Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately. Get medical attention if irritation develops and persists.

#### Most Important symptoms or effects, acute and delayed

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Serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and irritation.

## Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

## General Information

Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

## Section 5 - Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment /instructions</b>	Move containers from fire area if you can do so without risk.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.
<b>Specific Methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

## Section 6 - Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures.</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	This product is miscible in water. 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. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

## Section 7 - Handling and storage

<b>Precautions for safe handling</b>	Do not get this material in contact with eyes. Avoid contact with eyes, skin, and clothing. Provide adequate ventilation. Wash hands thoroughly after handling. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## Section 8 - Exposure control/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Ethyl Alcohol (CAS 67-63-0)	TWA	980 mg/m <sup>3</sup> , 400ppm	

#### US. ACGIH Threshold Limit Values

Component	Type	Value	Form
Ethyl Alcohol (CAS 67-63-0)	STEL	400 ppm	
Ethyl Alcohol (CAS 67-63-0)	TWA	200 ppm	

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Ethyl Alcohol (CAS 67-63-0)	IDLH	2000 ppm
Ethyl Alcohol (CAS 67-63-0)	STEL	1225 mg/m <sup>3</sup> , 500 ppm
Ethyl Alcohol (CAS 67-63-0)	TWA	980 mg/m <sup>3</sup> , 400 ppm

#### US. ACGIH. BEIs. Biological Exposure Indices

Components	Value	Determinate	Specimen	Sampling Time
Ethyl Alcohol (CAS 67-63-0)	200 mg/g	Butoxyacetic acid (BAA), with hydrolysis	Creatinine in urine	*
Ethyl Alcohol (CAS 67-63-0)	40 mg/l	Acetone	Urine	*

\* - For sampling details, please see the source document.

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<b>Appropriate engineering controls</b>	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.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	If use of product risks exposure to contact, wear safety glasses with side shields.
<b>Skin protection</b>	
<b>Hand protection</b>	Impervious gloves are recommended for prolonged use.
<b>Other</b>	If use of product risk exposure to contact, wear suitable protective clothing.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	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

<b>Appearance</b>	
<b>Physical state</b>	Liquid.
<b>Form</b>	Clear, thin liquid.
<b>Color</b>	Aqua blue.
<b>Odor</b>	Mild Alcohol.
<b>Odor threshold</b>	Not available.
<b>pH</b>	7.1
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	177 - 212 °F (80.56 - 100 °C)
<b>Flash point</b>	152 °F (66.7 °C) Closed Cup (low alcohol content aqueous solution; does not sustain combustion)
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	1.01 ± 0.01
<b>Relative density temperature</b>	75 °F (23.9 °C)
<b>Solubilities (water)</b>	Completely 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 cSt
<b>Viscosity Temperature</b>	75 °F (23.9 °C)

## Section 10 - Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to Avoid</b>	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	No hazardous decomposition products are known.

## Section 11 - Toxicological information

<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	Expected to be a low ingestion hazard.
<b>Inhalation</b>	No adverse effects due to inhalation are expected.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Causes serious eye irritation.

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**Symptoms related to the physical, chemical and toxicological characteristics** Serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and irritation.

## Information on toxicological effects.

**Acute toxicity** Not expected to be acutely toxic.

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

**Serious eye damage/ eye irritation** Causes serious eye 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.

**Chronic effects** Not expected to be hazardous.

## Section 12 - Ecological Information

**Ecotoxicity** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential**

**Partition coefficient n-octanol / water log (Kow)**

Components	Results
Ethyl Alcohol (CAS 67-63-0)	0.05

**Mobility in soil** No data available.

**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.

**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 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 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 CFR 707, Subpt. D)** Not regulated.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)** Not on regulatory list.

**CERCLA Hazardous Substance List (40 CFR 302.4)** Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories	Immediate Hazard	Yes
	Delayed Hazard	No
	Fire Hazard	No

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Pressure Hazard	No
Reactivity Hazard	No
<b>SARA 302 Extremely hazardous substance</b>	Not listed.
<b>SARA 311/312 Hazardous chemical</b>	Yes

**SARA 313 (TRI reporting)** Not regulated.

**Other federal regulations**

<b>Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List</b>	Not regulated.
<b>Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)</b>	Not regulated.
<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>	Components Ethyl Alcohol (CAS 67-63-0)
<b>US.New Jersey Worker and Community Right-to-Know Act</b>	Components Ethyl Alcohol (CAS 67-63-0)
<b>US.Pennsylvania RTK - Hazardous Substances</b>	Components Ethyl Alcohol (CAS 67-63-0)
<b>US.Rhode Island RTK</b>	Not regulated.
<b>US - California Proposition 65</b>	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)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
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)	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

**Revision date** 6/1/2023

**Version #** 03

**HMIS Hazard Codes** PPE A

**Disclaimer**

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