



## SAFETY DATA SHEET

### Section 1 - Identification

**Product Identifier** NCL wipes™ DISINFECTANT WIPES - Lemon Fresh  
**Other means of identification** 4542  
**Recommended use** Disinfectant.  
**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  
**Contact** CHEM-TEL  
**Emergency Phone** 1 (800) 255-3924

### Section 2 - Hazard(s) Identification

	Classification	Category
<b>Physical Hazards</b>	Not Classified	
<b>Health Hazards</b>		
<b>OSHA defined hazards</b>	Not Classified.	
<b>Label Elements</b>		
<b>Hazard Symbol</b>	None.	
<b>Signal Word</b>	None	
<b>Hazard Statement</b>	No hazard statements.	
<b>Precautionary statement</b>		
<b>Prevention</b>	Not applicable.	
<b>Response</b>	See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.	
<b>Storage</b>	Not applicable.	
<b>Disposal</b>	Not applicable.	
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.	

### Section 3 - Composition/Information on ingredients

#### Mixture

Hazardous Components	Ingredient Name	CAS #	%
	Octyl decyl dimethyl ammonium chloride	32426-11-2	0.05 - 1
	Alkyl dimethyl benzyl ammonium chloride (C12-16)	68424-85-1	0.05 - 1
	Didecyl dimethyl ammonium chloride	7173-51-5	0.01 - 1
	Dioctyl dimethyl ammonium chloride	5538-94-3	0.01 - 1

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

### Section 4 - First-aid Measures

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.

**Skin contact** Wash with soap and water. If skin irritation occurs: Get medical attention.

**Eye contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Ingestion** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

**General Information** Treat symptomatically.

### Section 5 - Fire-fighting measures

**Suitable extinguishing media** Product does not support combustion, Use extinguishing agent suitable for type of surrounding fire.

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<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>	Dried product is capable of burning. Combustion products are toxic.
<b>Special protective equipment and precautions for firefighters</b>	Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.
<b>Fire-fighting equipment /instructions</b>	Move containers from fire area if you can do so without risk.
<b>General fire hazards</b>	Hazardous Combustion Products may include Carbon monoxide, carbon dioxide and other toxic gases or vapors.
<b>Specific Methods</b>	No unusual fire or explosion hazards noted.

## Section 6 - Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures.</b>	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
<b>Methods and materials for containment and cleaning up</b>	Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).
<b>Environmental precautions</b>	Do not rinse spill onto the ground, into storm sewers or bodies of water.

## Section 7 - Handling and storage

<b>Precautions for safe handling</b>	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.

## Section 8 - Exposure control/personal protection

<b>Occupational exposure limits</b>	None established.
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Not required with expected use.
<b>Skin protection</b>	
<b>Hand protection</b>	Not required with expected use.
<b>Respiratory protection</b>	Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
<b>Thermal hazards</b>	Not required under normal use. 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>	Moistened Towelette
<b>Form</b>	Moistened Towelette
<b>Color</b>	Colorless.
<b>Odor</b>	Lemon Fresh.
<b>Odor threshold</b>	Not available.
<b>pH</b>	7.0 - 7.5
<b>Melting point/freezing point</b>	Not determined.
<b>Initial boiling point and boiling range</b>	Not determined.
<b>Flash point</b>	> 212 °F (> 100 °C)
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<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.

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Vapor density	Not available.
Relative density	1.01 ± 0.01 g/ml
Relative density temperature	75 °F (23.9 °C)
Solubilities (water)	Complete.
Partition Coefficient n-octanol/water	Not available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity	<10 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	Extremes of temperature and direct sunlight.
Incompatible materials	Strong oxidizing agents. Strong Acids.
Hazardous Decomposition Products	May include carbon monoxide, carbon dioxide (CO <sub>2</sub> ) and other toxic gases or vapors.

## Section 11 - Toxicological information

### Information on likely routes of exposure

Ingestion	Pain, nausea, vomiting and diarrhea.
Inhalation	Nasal discomfort and coughing.
Skin contact	Drying of the skin.
Eye contact	Pain and redness.

Symptoms related to the physical, chemical and toxicological characteristics	Exposed individuals may experience eye tearing, redness, and discomfort.
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### Information on toxicological effects.

#### Acute toxicity

Skin corrosion/irritation	May cause mild skin irritation.
Serious eye damage/ eye irritation	May cause slight eye irritation.
Respiratory sensitization	Not available.
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.
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Specific target organ toxicity - single exposure	Not applicable.
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Specific target organ toxicity - repeated exposure	Not applicable.
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Aspiration hazard	Not likely, due to the form of the product.
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## Section 12 - Ecological Information

### Ecotoxicity

Persistence and degradability	Expected to be readily biodegradable.
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Bioaccumulative potential	No data available.
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#### Partition coefficient n-octanol / water log (Kow)

Components	Results
Alkyl dimethyl benzyl ammonium chloride (C12-16) (CAS 68424-8)	log Pow: 2.75 (20°C) Method: OECD Test Guideline 107 GLP: yes
Diocetyl dimethyl ammonium chloride (CAS 5538-94-3)	Pow: 1.2 (21°C)log Pow: 0.1 (21°C) pH: >6 - <8 Method: OECD Test Guideline 107 GLP: yes

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Mobility in soil No data available.  
 Other adverse effects No data available.

## 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** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.  
**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).  
**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. 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. This product is a U.S. EPA registered pesticide.

**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)**

<b>Hazard Categories</b>	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)**

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List**  
**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 regulated.  
**US.Pennsylvania RTK - Hazardous Substances** Not regulated.  
**US.Rhode Island RTK** 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)	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

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\*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

**Issue date** 1/7/2019

**Version #** 01

**Further information** Some information may conflict with EPA mandated label information.

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