SAFETY DATA SHEET

Section 1 - Identification

Product Identifier: NCL wipes™ DISINFECTANT WIPES - Waterfall Fresh
Other means of identification: 4541
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

Physical Hazards
Classification: Not Classified

Health Hazards
Classification: Not Classified.

OSHA defined hazards
Classification: Not Classified.

Label Elements
Hazard Symbol: None.
Signal Word: None
Hazard Statement: No hazard statements.
Precautionary statement
Prevention: Not applicable.
Response: See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.
Storage: Not applicable.
Disposal: Not applicable.

Hazard(s) not otherwise classified (HNOC)
None known.

Section 3 - Composition/Information on ingredients

Mixture
Hazardous Components
Ingredient Name: Octyl decyl dimethyl ammonium chloride
CAS #: 32426-11-2
%: 0.05 - 1

Ingredient Name: Alkyl dimethyl benzyl ammonium chloride (C12-16)
CAS #: 68424-85-1
%: 0.05 - 1

Ingredient Name: Didecyl dimethyl ammonium chloride
CAS #: 7173-51-5
%: 0.01 - 1

Ingredient Name: Dioctyl dimethyl ammonium chloride
CAS #: 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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Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical
Dried product is capable of burning. Combustion products are toxic.

Special protective equipment and precautions for firefighters
Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

Fire-fighting equipment /instructions
Move containers from fire area if you can do so without risk.

General fire hazards
Hazardous Combustion Products may include Carbon monoxide, carbon dioxide and other toxic gases or vapors.

Specific Methods
No unusual fire or explosion hazards noted.

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures.
Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Methods and materials for containment and cleaning up
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).

Environmental precautions
Do not rinse spill onto the ground, into storm sewers or bodies of water.

Section 7 - Handling and storage

Precautions for safe handling
Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities
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

Occupational exposure limits
None established.

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

Appropriate engineering controls
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.

Individual protection measures, such as personal protective equipment

Eye/face protection
Not required with expected use.

Skin protection
Not required with expected use.

Hand protection
Not required with expected use.

Respiratory protection
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.

Thermal hazards
Not required under normal use. 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
Physical state
Moistened Towelette

Form
Moistened Towelette

Color
Colorless.

Odor
Waterfall Fresh

Odor threshold
Not available.

pH
7.0 - 9.0

Melting point/freezing point
Not determined.

Initial boiling point and boiling range
Not determined.

Flash point
> 212 °F (> 100 °C)

Evaporation rate
Not available.

Flammability (solid, gas)
Not available.

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
Not available.
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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 (CO2) and other toxic gases or vapors.

Section 11 - Toxicological information

Information on likely routes of exposure

Inhalation
Nasal discomfort and coughing.

Skin contact
Drying of the skin.

Eye contact
Pain and redness.

Exposed individuals may experience eye tearing, redness, and discomfort.

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.

Specific target organ toxicity - single exposure
Not applicable.

Specific target organ toxicity - repeated exposure
Not applicable.

Aspiration hazard
Not likely, due to the form of the product.

Section 12 - Ecological Information

Ecotoxicity

Persistence and degradability
Expected to be readily biodegradable.

Bioaccumulative potential
No data available.

Partition coefficient n-octanol / water log (Kow)

Results

Components

Log Pow: 2.75 (20°C)
Method: OECD Test Guideline 107
GLP: yes

Pow: 1.2 (1°C)
Pow: 0.1 (1°C)

pH: >6 - <8
Method: OECD Test Guideline 107
GLP: yes
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.


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) No

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.
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
United States Puerto Rico Toxic Substances Control Act (TSCA) Inventory No
Section 16 - Other information, including date of preparation or last version

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<td>Further information</td>
<td>Some information may conflict with EPA mandated label information.</td>
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