



LAVENDER 256™

Neutral Disinfectant Cleaner Deodorizer

Disinfectant

DESCRIPTION

DISINFECTION PERFORMANCE: This product kills the following bacteria in 10 minutes at 0.5 oz. per gal. of 400 ppm hard water and 5% soil on hard, non-porous surfaces: *Escherichia coli*, *Enterococcus faecalis*, *Klebsiella pneumoniae*, *Pseudomonas aeruginosa*, *Salmonella enterica*, *Staphylococcus aureus*, *Staphylococcus aureus* (Methicillin Resistant) (MRSA), *Enterococcus faecalis* (Vancomycin Resistant) (VRE), *Staphylococcus aureus* (Vancomycin Intermediate Resistant) (VISA)

VIRUCIDAL* PERFORMANCE: This product kills the following viruses in 10 minutes at 0.5 oz. per gal. of 400 ppm hard water and 5% soil on hard, non-porous surfaces: Avian Influenza A (H3N2) Virus, Avian Influenza A (H5N1) Virus, Hepatitis B Virus, Hepatitis C Virus, Herpes Simplex Virus Type 1, Herpes Simplex Virus Type 2, Human Immunodeficiency Virus Type 1 (HIV 1), Influenza A Virus (H3N2), Influenza A Virus (H1N1)

FUNGICIDAL PERFORMANCE: This product kills the following fungi in 10 minutes at 0.5 oz. per gal. of 400 ppm hard water and 5% soil on hard, non-porous surfaces: *Candida albicans*, *Trichophyton mentagrophytes* (Athlete's foot fungus) (a cause of Ringworm)

PRODUCT FEATURES / BENEFITS

- Neutral pH / Ideal for floor finish maintenance
- Highly fragranced / Cosmetically appealing even at end use dilution 1:256
- Biodegradable, phosphate free formulation / Environmentally responsible
- Cleans, disinfects & deodorizes in one operation / Multiple activity reduces maintenance time and cost
- Kills HBV, HIV-1 (AIDS virus) / Reduces danger of contamination from hard surfaces

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Rinse hard, non-porous food contact surfaces with potable water after application of product.

This product is not for use on medical device surfaces.

FOR USE AS A GENERAL, HOSPITAL, MEDICAL DISINFECTANT, FUNGICIDE, VIRUCIDE*, CLEANER: 1. Pre-clean heavily soiled areas. 2. Apply use solution of 0.5 oz. of this product per gal. of water to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, mechanical spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. 3. Treated surfaces must remain wet for 10 minutes. 4. Wipe dry with a clean cloth or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. 5. Prepare a fresh solution daily or when visibly dirty.

*KILLS HIV, HBV AND HCV ON PRE-CLEANED HARD, NON-POROUS SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings or other settings in which there is an expected likelihood of soiling of hard, non-porous surfaces/objects with blood or body fluids and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS), Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV AND HCV ON SURFACES/OBJECTS SOILED WITH

BLOOD/BODY FLUIDS. Personal Protection: Wear protective latex gloves, gowns, masks and eye protection. Cleaning Procedure: Blood and other body fluids containing HIV-1, HBV & HCV must be thoroughly cleaned from hard, non-porous surfaces and objects before application of this product. Disposal of Infectious Materials: Blood and other body fluids, cleaning materials and clothing must be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal. Contact Time: Allow hard, non-porous surfaces to remain wet for 10 minutes for all organisms.

GENERAL DEODORIZATION: To deodorize, apply 0.5 - 1 oz. of this product per gal. of water to hard, non-porous surfaces. Allow to air dry.

SPECIFICATIONS

Appearance	Dark Violet liquid
Odor.....	Lavender
pH Concentrate	7.4 ± 1.0
Active Ingredients.....	Dual Quaternary
Specific Gravity.....	1.01 ± 0.01
Density.....	8.34 lbs/gal
Shelf Life.....	1 Year Minimum in Original Unopened Container

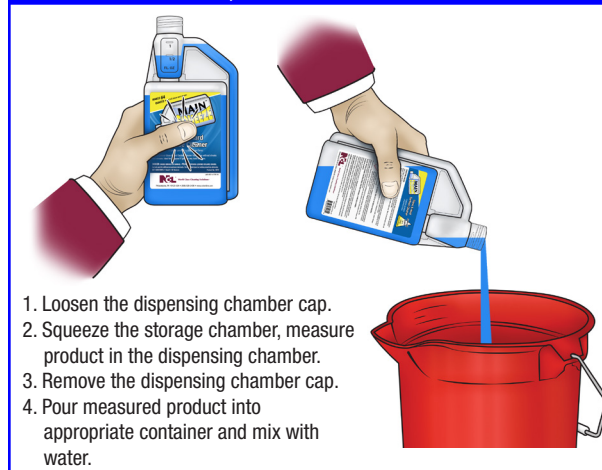
SAFETY INFORMATION

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and chemical-resistant gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, oysters and shrimp.

SQUEEZE AND POUR



1. Loosen the dispensing chamber cap.
2. Squeeze the storage chamber, measure product in the dispensing chamber.
3. Remove the dispensing chamber cap.
4. Pour measured product into appropriate container and mix with water.



World Class Cleaning Solutions®

401 N. 10th Street • Philadelphia, PA 19123 USA

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Phone: (215) 922-1200 • Fax: 215-922-5517

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TDS-4173-0917


SAFETY DATA SHEET

Section 1 - Identification

Product Identifier	Main Squeeze Lavender 256 Neutral Disinfectant Cleaner Deodorizer
Other means of identification	4173
Recommended use	Neutral Disinfectant Cleaner Deodorizer
Recommended restrictions	EPA Registered Product. 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@ncnline.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
Physical Hazards	Not Classified	
Health Hazards	Acute toxicity, dermal	4
	Acute toxicity, oral	4
	Serious eye damage/eye irritation	1
	Skin corrosion/irritation	1B
Environmental Hazards	Hazardous to the aquatic environment, acute hazard.	2
OSHA defined hazards	Not Classified.	
Label Elements		
Hazard Symbol		
Signal Word	Danger	
Hazard Statement	Causes severe skin burns and eye damage. Harmful if swallowed. Toxic to aquatic life.	
Precautionary statement		
Prevention	Wear protective gloves. Wear eye/face protection. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.	
Response	If on skin: Wash with plenty of soap and water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Take off contaminated clothing and wash before reuse.	
Storage	Keep container tightly closed,. 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 #	%
	Didecyl dimethyl ammonium chloride	7173-51-5	6 - 9
	Alkyl dimethyl benzyl ammonium chloride (C12-16)	68424-85-1	4 - 7
	Tetrasodium ethylenediamine tetraacetate	64-02-8	1 - 4
	4-Nonylphenol, branched, ethoxylated	127087-87-0	1 - 4
	Ethyl Alcohol	64-17-5	1 - 3
Composition Comments	Components not listed are either non-hazardous or are below reportable limits.		

SAFETY DATA SHEET

Section 4 - First-aid Measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing. Wash with plenty of soap and water. Get medical attention if irritation develops and persists. 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 if irritation develops and persists.
Ingestion	Rinse mouth. 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.
Most Important symptoms /effects, acute and delayed	Corrosive effects. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Causes severe skin burns. Prolonged or repeated skin contact may aggravate existing skin conditions. Inhalation of mists may aggravate existing chronic respiratory conditions such as asthma, emphysema or bronchitis.
Indication of immediate medical attention and special treatment	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General Information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5 - Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
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 so without risk.
General fire hazards	No unusual fire or explosion hazards noted.
Specific Methods	Use standard fire fighting procedures and consider the hazards of other involved materials.

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures.	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. 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. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	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. 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.
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. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Use care in handling/storage.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store away from foodstuffs. 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 64-17-5)	TWA	1900 mg/m ³ , 1000 ppm	

US. ACGIH Threshold Limit Values

Component	Type	Value	Form
Ethyl Alcohol (CAS 64-17-5)	STEL	1000 ppm	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Ethyl Alcohol (CAS 64-17-5)	IDLH	3300 ppm
Ethyl Alcohol (CAS 64-17-5)	TWA	1900 mg/m ³ , 1000 ppm

SAFETY DATA SHEET

Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	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.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves.
Other	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
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	
Physical state	Liquid.
Form	Clear, thin liquid.
Color	Dark Violet.
Odor	Lavender.
Odor threshold	Not available.
pH	7.4 ± 1.0
Melting point/freezing point	Not available.
Initial boiling point and boiling range	212 °F (100 °C)
Flash point	None to boiling.
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	Not available.
Relative density	1.01 ± 0.01
Relative density temperature	75 °F (23.89 °C)
Solubilities	Completely soluble.
Partition Coefficient n-octanol/water	Not available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity	< 10 cSt
Viscosity Temperature	75 °F (23.89 °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	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Anionic surfactants.
Hazardous Decomposition Products	No hazardous decomposition products are known.

Section 11 - Toxicological information

Information on likely routes of exposure	
Ingestion	Harmful if swallowed.
Inhalation	May cause irritation to the respiratory system. Prolonged inhalation may be harmful.
Skin contact	Causes severe skin burns.
Eye contact	Causes serious eye damage.

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Symptoms related to the physical, chemical and toxicological characteristics

Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Burning pain and severe corrosive skin damage.

Information on toxicological effects.

Acute toxicity

Harmful if swallowed.

Components	Level	Type	Code	Species	Results
Alkyl dimethyl benzyl ammonium chloride (C12-16) (CAS 68424-85-1)	Acute	Dermal	LD50	Rat	3560 mg/kg
	Acute	Oral	LD50	Rat	430 mg/kg
Didecyl dimethyl ammonium chloride (CAS 7173-51-5)	Acute	Dermal	LD50	Rabbit (Male / Female)	3140 / 2730 mg/kg
	Acute	Oral	LD50	Rat (Male / Female)	238 / 331 mg/kg
Ethyl Alcohol (CAS 64-17-5)	Acute	Inhalation Vapor	LC50	Rat	117 - 125 mg/l, 4 h
	Acute	Oral	LD50	Rat	10470 mg/kg

Skin corrosion/irritation

Causes severe skin burns.

Serious eye damage/ eye irritation

Causes serious eye damage.

Respiratory sensitization

Not a respiratory sensitizer.

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 an aspiration hazard.

Chronic effects

Prolonged inhalation may be harmful.

Section 12 - Ecological Information

Ecotoxicity

The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

Component(s)

Alkyl dimethyl benzyl ammonium chloride (C12-16), 68424-85-1

Aquatic

Chronic	Crustacea	NOEL	Daphnia	0.0042 mg/l
Acute	Fish	EC50	Oncorhynchus mykiss (rainbow trout)	>0.022 mg/l, 96 hours
	Fish	LC50	Bluegill (Lepomis macrochirus)	0.515 mg/l

Didecyl dimethyl ammonium chloride, 7173-51-5

Aquatic

Aquatic	Algae	EC50	Algae	0.062 mg/l, 72 h
	Crustacea	LC50	Daphnia	0.057 mg/l, 48 h
Chronic	Crustacea	NOEC	Daphnia	0.01 mg/l
Aquatic	Crustacea	NOEC	Daphnia	0.021 mg/l, 21 d
Acute	Fish	LC50	Bluegill (Lepomis macrochirus)	0.032 mg/l, 96 h
Aquatic	Fish	LC50	Danio rerio	0.97 mg/l, 96 h

4-Nonylphenol, branched, ethoxylated, 127087-87-0

Aquatic

Acute	Crustacea	EC50	Water flea (Daphnia magna)	12.2 mg/l, 48 hours
	Fish	LC50	Bluegill (Lepomis macrochirus)	1 - 1.8 mg/l 96 hours

Ethyl Alcohol, 64-17-5

Aquatic

Acute	Algae	EC50	Algae	675 mg/l, 72 h
	Crustacea	EC50	Daphnia	5012 mg/l, 48 h
Chronic	Crustacea	NOEC	Daphnia	9.6 mg/l, 9 d
Acute	Fish	LC50	Fathead minnow (Pimephales promelas)	14200 mg/l, 96 h

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water log (Kow)

SAFETY DATA SHEET

Components	Results
4-Nonylphenol, branched, ethoxylated (CAS 127087-87-0)	2.1 - 3.4 (Calculated)
Ethyl Alcohol (CAS 64-17-5)	-0.31
Mobility in soil	Expected to be highly mobile in soil.
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	<p>PESTICIDE DISPOSAL - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.</p> <p>CONTAINER DISPOSAL - Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container promptly after emptying.</p> <p>(For containers 5 gallons or less):</p> <p>Triple rinse as follows: Fill container 1/4 full with water and recap. Agitate vigorously. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.</p> <p>(For containers greater than 5 gallons):</p> <p>Triple rinse as follows: Fill container 1/4 full with water. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.</p> <p>PACKET DISPOSAL - Do not reuse; discard empty container and put in trash.</p>
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	
UN number	UN1903
Proper shipping name	DISINFECTANT LIQUID CORROSIVE, N.O.S. (QUATERNARY AMMONIUM COMPOUND)
Transport hazard class(es)	8
Packing group	III
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Labels required	8
Special provisions	IB3, T4, TP1
Packaging exemption	154
Packaging non bulk	203
Packaging bulk	241
IATA	
UN number	UN1903
UN proper shipping name	DISINFECTANT LIQUID CORROSIVE, N.O.S. (QUATERNARY AMMONIUM COMPOUND)
Transport hazard class(es)	8
Packaging group	III
Environmental hazards	No
ERG Code	8L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other Information	
IMDG	
UN number	UN1903
UN proper shipping name	DISINFECTANT LIQUID CORROSIVE, N.O.S. (QUATERNARY AMMONIUM COMPOUND)
Transport hazard class(es)	8
Packaging group	III
Environmental hazards	No
Marine pollutant	
EmS	F-A, S-B
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
General information	This substance/mixture is not intended to be transported in bulk.

SAFETY DATA SHEET

Section 15 - Regulatory Information

US federal regulations		This product is a U.S. EPA registered pesticide. 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 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)		
Components		Result
Ethyl Alcohol (CAS 64-17-5)		LISTED
Superfund Amendments and Reauthorization Act of 1986 (SARA)		
Hazard Categories	Immediate Hazard	Yes
	Delayed Hazard	No
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No
SARA 302 Extremely hazardous substance		Not listed.
SARA 311/312 Hazardous chemical		Yes
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.
Safe Drinking Water Act (SDWA)	Not regulated.	
Food and Drug Administration (FDA)	Not regulated.	
US state regulations		
US.Massachusetts RTK - Substance List	Components	
	Ethyl Alcohol (CAS 64-17-5)	
US.New Jersey Worker and Community Right-to-Know Act	Components	
	Ethyl Alcohol (CAS 64-17-5)	
US.Pennsylvania RTK - Hazardous Substances	Components	
	Ethyl Alcohol (CAS 64-17-5)	
US.Rhode Island RTK	Not regulated.	
US - California Proposition 65	This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.	
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

Issue date	1/12/2016
Version #	01
Disclaimer	The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the manufacturer's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.



Lavender 256™

Neutral Disinfectant Cleaner Deodorizer

Disinfectant, Deodorizer, Fungicide, Virucide*

Non-Dulling to Floor Finishes

Effective in hard water up to 400 ppm hardness in the presence of 5% soil.

ACTIVE INGREDIENTS:

Didecyl Dimethyl Ammonium Chloride..... 10.14%

Alkyl (50% C14, 40% C12, 10% C16)

Dimethyl Benzyl Ammonium Chloride..... 6.76%

OTHER INGREDIENTS..... 83.10%

TOTAL: 100.00%

EPA REG. NO. 10324-141-2296

EPA EST. NO. 2296-PA-1

FIRST AID

In case of emergency, call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. **IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. **IF SWALLOWED:** Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor immediately for treatment advice. **IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

See back label for additional precautionary statements.

NET CONTENTS: 1 Quart / 32 Fluid Ounces

Product No.: 4173



World Class Cleaning Solutions®

LMS-0001-4173F-01i
H-17

National Chemical Laboratories, Inc.

401 N. 10th Street • Philadelphia, PA 19123 USA • (215) 922-1200 • (800) 628-2436

DISINFECTION PERFORMANCE: This product kills the following bacteria in 10 minutes at 0.5 oz. per gal. of 400 ppm hard water and 5% soil on hard, non-porous surfaces: *Escherichia coli*, *Enterococcus faecalis*, *Klebsiella pneumoniae*, *Pseudomonas aeruginosa*, *Salmonella enterica*, *Staphylococcus aureus*, *Staphylococcus aureus* (Methicillin Resistant) (MRSA), *Enterococcus faecalis* (Vancomycin Resistant) (VRE), *Staphylococcus aureus* (Vancomycin Intermediate Resistant) (VISA)

VIRUCIDAL* PERFORMANCE: This product kills the following viruses in 10 minutes at 0.5 oz. per gal. of 400 ppm hard water and 5% soil on hard, non-porous surfaces: Avian Influenza A (H3N2) Virus, Avian Influenza A (H5N1) Virus, Hepatitis B Virus, Hepatitis C Virus, Herpes Simplex Virus Type 1, Herpes Simplex Virus Type 2, Human Immunodeficiency Virus Type 1 (HIV 1), Influenza A Virus (H3N2), Influenza A Virus (H1N1)

FUNGICIDAL PERFORMANCE: This product kills the following fungi in 10 minutes at 0.5 oz. per gal. of 400 ppm hard water and 5% soil on hard, non-porous surfaces: *Candida albicans*, *Trichophyton mentagrophytes* (Athlete's foot fungus) (a cause of Ringworm)

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Rinse hard, non-porous food contact surfaces with potable water after application of product.

This product is not for use on medical device surfaces.

FOR USE AS A GENERAL, HOSPITAL, MEDICAL DISINFECTANT, FUNGICIDE, VIRUCIDE*, CLEANER: 1. Pre-clean heavily soiled areas. 2. Apply use solution of 0.5 oz. of this product per gal. of water to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, mechanical spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. 3. Treated surfaces must remain wet for 10 minutes. 4. Wipe dry with a clean cloth or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. 5. Prepare a fresh solution daily or when visibly dirty.

***KILLS HIV, HBV AND HCV ON PRE-CLEANED HARD, NON-POROUS SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings or other settings in which there is an expected likelihood of soiling of hard, non-porous surfaces/objects with blood or body fluids and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS), Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV AND HCV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS. Personal Protection: Wear protective latex gloves, gowns, masks and eye protection.

Cleaning Procedure: Blood and other body fluids containing HIV-1, HBV & HCV must be thoroughly cleaned from hard, non-porous surfaces and objects before application of this product. **Disposal of Infectious Materials:** Blood and other body fluids, cleaning materials and clothing must be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal. **Contact Time:** Allow hard, non-porous surfaces to remain wet for 10 minutes for all organisms.

GENERAL DEODORIZATION: To deodorize, apply 0.5 - 1 oz. of this product per gal. of water to hard, non-porous surfaces. Allow to air dry.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and chemical-resistant gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, oysters and shrimp.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE: Store only in original container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Non-Refillable Container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.