

# SAFETY DATA SHEET

Date Issued: 2-12-2025

## SECTION 1. IDENTIFICATION

<b>Product Name</b>	<b>Lemon DC Plus™</b>
<b>Brand</b>	<b>Coastwide Professional™</b>
<b>Product Number</b>	CW0453EM-A, CW0455EC-A, CW045CN01-A
<b>Recommended Use</b>	Disinfectant cleaner
<b>Uses advised against</b>	Uses other than those identified on the product label are not recommended.
<b>Supplier Name</b>	Staples Contract & Commercial, LLC.
<b>Supplier Address</b>	500 Staples Drive Framingham, MA 01702, USA
<b>Supplier Phone Number</b>	800-270-9167
<b>SDS Internet Address:</b>	<a href="http://sds.staples.com">http://sds.staples.com</a>
<b><u>Emergency telephone number:</u></b>	888-322-0912

## SECTION 2. HAZARDS IDENTIFICATION

### GHS Classification

Skin irritation	: Category 2
Serious eye damage	: Category 1
Short-term (acute) aquatic hazard	: Category 1
Long-term (chronic) aquatic hazard	: Category 3

### GHS label elements

Hazard pictograms	:	 
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Signal word	: Danger
Hazard statements	: H315 Causes skin irritation. H318 Causes serious eye damage. H400 Very toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	: <b>Prevention:</b>

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P264 Wash skin thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/ eye protection/ face protection.

**Response:**

P302 + P352 IF ON SKIN: Wash with plenty of water.

P305 + P351 + P338 + P310 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.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

**Disposal:**

P501 Dispose of contents/container in accordance with local regulation.

**Other hazards**

None known.

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

**Hazardous components**

Chemical name / Synonyms	CAS-No.	Concentration (% w/w)
Didecyldimethylammonium chloride	7173-51-5	2.5 - 3
Alkyl (C12-16) dimethylbenzyl ammonium chloride	68424-85-1	1 - 2.5
Ethanol	64-17-5	0.5 - 1

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### SECTION 4. FIRST AID MEASURES

If inhaled : Move to fresh air.  
If unconscious, place in recovery position and seek medical advice.  
If breathing is irregular or stopped, administer artificial respiration.  
Keep respiratory tract clear.

In case of skin contact : After contact with skin, wash immediately with plenty of soap and water.  
If on clothes, remove clothes.  
In the case of skin irritation or allergic reactions see a physician.

In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
Continue rinsing eyes during transport to hospital.  
Small amounts splashed into eyes can cause irreversible tissue damage and blindness.

If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Do NOT induce vomiting.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

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Most important symptoms and effects, both acute and delayed	: No information available.
Notes to physician	: Treat symptomatically.

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### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Water spray Alcohol-resistant foam Dry chemical
Unsuitable extinguishing media	: High volume water jet
Specific hazards during firefighting	: Heating or fire can release toxic gas. Do not allow run-off from fire fighting to enter drains or water courses.
Further information	: Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Use personal protective equipment. Use respirator when performing operations involving potential exposure to vapour of the product.
Environmental precautions	: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.
Methods and materials for containment and cleaning up	: Contain spillage, and then collect 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).

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### SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	: Take precautionary measures against static discharges.
Advice on safe handling	: Do not breathe vapours/dust. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. To avoid spills during handling keep bottle on a metal tray. Dispose of rinse water in accordance with local and national regulations.
Conditions for safe storage	: Keep container tightly closed and dry. Keep container tightly closed. Keep in a well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards. To maintain product quality, do not store in heat or direct sun-

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Further information on storage conditions	: light. Keep away from food, drink and animal feedingstuffs.
Technical measures/Precautions	: Keep away from food, drink and animal feedingstuffs.
Recommended storage temperature	: < 140 °F / < 60 °C
Further information on storage stability	: No decomposition if stored and applied as directed.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethanol	64-17-5	STEL	1,000 ppm	ACGIH
		REL	1,000 ppm 1,900 mg/m3	NIOSH/GUIDE

### Personal protective equipment

Respiratory protection	: In the case of vapour formation use a respirator with an approved filter. Respirator with ABEK filter. Respirator with a vapour filter (EN 141)
Hand protection	
Material	: Nitrile rubber
Remarks	: Wear protective gloves. Break through time : > 480 min
Eye protection	: Safety glasses with side-shields conforming to EN166 Wear face-shield and protective suit for abnormal processing problems.
Skin and body protection	: Choose body protection according to the amount and concentration of the dangerous substance at the work place. Impervious clothing
Hygiene measures	: Avoid contact with skin, eyes and clothing. When using do not eat or drink. When using do not smoke.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: Color depends on dye added
Odour	: Varies with fragrance added
Odour Threshold	: no data available
pH	: 7.2 - 8.2
Melting point/range	: not determined
Boiling point/boiling range	: no data available
Flash point	: > 199.99 °F / > 93.33 °C

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Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
Flammability (liquids)	: no data available
Upper explosion limit	: no data available
Lower explosion limit	: no data available
Vapour pressure	: not determined
Relative vapour density	: not determined
Relative density	: no data available
Water solubility	: soluble
Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: not determined
Decomposition temperature	: no data available
Viscosity, dynamic	: no data available
Viscosity, kinematic	: not determined
Explosive properties	: No hazards to be specially mentioned.
Oxidizing properties	: no data available

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## SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No decomposition if stored and applied as directed.
Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: None known. Stable Stable under recommended storage conditions.
Conditions to avoid	: None known. Heat
Incompatible materials	: Strong oxidizing agents Reducing agents Strong acids and strong bases Oxidizing agents
Hazardous decomposition products	: Thermal decomposition can lead to release of irritating gases and vapours. No decomposition if used as directed.

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## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Acute oral toxicity	: Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method
Acute dermal toxicity	: Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method

### Skin corrosion/irritation

Result: Severe skin irritation

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### Serious eye damage/eye irritation

Result: Causes eye burns.

### Respiratory or skin sensitisation

Remarks: no data available

### Germ cell mutagenicity

Genotoxicity in vitro : Remarks: no data available

### Carcinogenicity

Result: no data available

### IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

### OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

### NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### ACGIH

Confirmed animal carcinogen with unknown relevance to humans

Ethanol

64-17-5

### Reproductive toxicity

Effects on fertility : Remarks: no data available

### STOT - single exposure

Remarks: no data available

### STOT - repeated exposure

Remarks: no data available

### Aspiration toxicity

No aspiration toxicity classification

### Further information

Remarks: Information given is based on data on the components and the toxicology of similar products.

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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxicity to fish : Remarks: no data available

### Persistence and degradability

Biodegradability : Result: no data available

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### Bioaccumulative potential

Bioaccumulation : Remarks: no data available

### Components:

#### Didecyldimethylammonium chloride:

Partition coefficient: n-octanol/water : Remarks: no data available

#### Alkyl (C12-16) dimethylbenzyl ammonium chloride:

Partition coefficient: n-octanol/water : log Pow: 2.75 (20 °C)  
Method: OECD Test Guideline 107  
GLP: yes

#### Ethanol:

Partition coefficient: n-octanol/water : log Pow: -0.3

### Mobility in soil

Distribution among environmental compartments : Remarks: no data available

### Other adverse effects

Ozone-Depletion Potential : Regulation: US. EPA Clean Air Act (CAA) Section 602 Ozone-Depleting Substances (40 CFR 82, Subpt. A, App A & B)  
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : There is no data available for this product.

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Very toxic to aquatic life with long lasting effects.

### The following ecotoxicological data refer to:

Didecyldimethylammonium chloride(CAS-No.: 7173-51-5)

### Ecotoxicity

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 0.19 mg/l  
Exposure time: 96 h  
Analytical monitoring: yes  
Method: US-EPA  
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.062 mg/l  
Exposure time: 48 h  
Test Type: Immobilization  
Analytical monitoring: yes  
Method: EPA-FIFRA  
GLP: yes

NOEC (Daphnia magna (Water flea)): 0.014 mg/l  
Exposure time: 21 d  
Remarks: Geometric mean of multiple studies of equivalent relevance/quality (EU Active Substance Assessment Report,

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June 2015).

Toxicity to algae	: ErC50 (Pseudokirchneriella subcapitata (green algae)): 0.026 mg/l Exposure time: 96 h Test Type: Growth inhibition Analytical monitoring: yes Method: OECD Test Guideline 201 GLP: yes
M-Factor (Acute aquatic toxicity)	: 10
Toxicity to fish (Chronic toxicity)	: NOEC (Danio rerio (zebra fish)): 0.032 mg/l Exposure time: 34 d Analytical monitoring: yes Method: OECD Test Guideline 210 GLP: yes
Toxicity to microorganisms	: EC50 (activated sludge): 11 mg/l Exposure time: 3 h Test Type: Respiration inhibition Method: OECD Test Guideline 209 GLP: yes
Toxicity to soil dwelling organisms	: Test Type: Acute toxicity NOEC (Eisenia fetida (earthworms)): >= 1,000 mg/kg Exposure time: 14 d Method: OECD Test Guideline 207 GLP: yes
Plant toxicity	: EC50: 283 - 1,670 mg/kg Exposure time: 14 d End point: Growth inhibition Method: OECD Test Guideline 208

### Persistence and degradability

Biodegradability	: Test Type: Modified Sturm Test Concentration: 10 mg/l Result: Readily biodegradable. Biodegradation: 72 % Exposure time: 28 d Method: OECD Test Guideline 301B GLP: yes  Test Type: Die-Away Test Concentration: 0.016 mg/l Biodegradation: 93.3 % Exposure time: 28 d GLP: yes  Test Type: OECD Confirmatory Test Biodegradation: 91 % Exposure time: 24 - 70 d Method: OECD Test Guideline 303A GLP: no
Stability in water	: Test Type: Abiotic degradation Method: EPA-FIFRA GLP: yes



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### Bioaccumulative potential

no data available

### Mobility in soil

Distribution among environmental compartments : Mobile in soils  
Method: US-EPA

### Other adverse effects

no data available

### The following ecotoxicological data refer to:

Alkyl (C12-16) dimethylbenzyl ammonium chloride(CAS-No.: 68424-85-1)

### Ecotoxicity

Toxicity to fish : NOEC (Pimephales promelas (fathead minnow)): 0.0322 mg/l  
Exposure time: 34 d  
Test Type: Early-life Stage  
Analytical monitoring: yes  
Method: EPA-FIFRA  
GLP: yes

NOEC (Lepomis macrochirus (Bluegill sunfish)): 0.456 mg/l  
Exposure time: 96 h  
Analytical monitoring: yes  
Method: US-EPA  
GLP: yes

LC50 (Lepomis macrochirus (Bluegill sunfish)): 0.515 mg/l  
Exposure time: 96 h  
Analytical monitoring: yes  
Method: US-EPA  
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.016 mg/l  
Exposure time: 48 h  
Test Type: Immobilization  
Analytical monitoring: yes  
Method: OECD Test Guideline 202  
GLP: yes

NOEC (Daphnia magna (Water flea)): >= 0.00415 mg/l  
Exposure time: 21 d  
Test Type: Reproduction Test  
Analytical monitoring: yes  
Method: EPA-FIFRA  
GLP: yes

Toxicity to algae : ErC50 (Pseudokirchneriella subcapitata (green algae)): 0.049 mg/l  
Exposure time: 72 h  
Test Type: Cell multiplication inhibition test  
Analytical monitoring: yes  
Method: OECD Test Guideline 201  
GLP: yes

EC50 (Lemna gibba): 0.12 mg/l

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	Exposure time: 7 d Test Type: Growth inhibition Analytical monitoring: yes Method: US-EPA
	ErC50 (algae): 0.089 mg/l Exposure time: 96 h Test Type: Growth inhibition Analytical monitoring: yes Method: US-EPA GLP: yes
M-Factor (Acute aquatic toxicity)	: 10
M-Factor (Chronic aquatic toxicity)	: 1
Toxicity to microorganisms	: EC50 (activated sludge): 7.75 mg/l Exposure time: 3 h Test Type: Respiration inhibition Method: OECD Test Guideline 209 GLP: yes
Toxicity to soil dwelling organisms	: Test Type: Acute toxicity LC50 ( <i>Eisenia fetida</i> (earthworms)): 7,070 mg/kg Exposure time: 14 d Method: OECD Test Guideline 207  Test Type: Soil Microflora EC50: > 1,000 mg/kg Exposure time: 28 d Method: OECD Test Guideline 216 GLP: yes
Plant toxicity	: EC50: 277 - 1,900 mg/kg Exposure time: 14 d End point: Growth inhibition Method: OECD Test Guideline 208
<b>Persistence and degradability</b>	
Biodegradability	: Test Type: CO2 Evolution Test Concentration: 5 mg/l Result: Readily biodegradable. Biodegradation: 95.5 % Exposure time: 28 d Method: OECD Test Guideline 301B GLP: no
Stability in water	: Degradation half life: > 1 y (20 °C) pH: 7 Method: Directive 67/548/EEC, Annex V, C.10. GLP: yes
<b>Bioaccumulative potential</b>	
Bioaccumulation	: Species: <i>Lepomis macrochirus</i> (Bluegill sunfish) Bioconcentration factor (BCF): 79 Exposure time: 35 d Concentration: 0.076 mg/l Method: US-EPA GLP: yes Remarks: Does not bioaccumulate.

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### Mobility in soil

Distribution among environmental compartments : Absorption / desorption  
Medium: Soil  
Koc: 282624 L/kgKd: 13,630, log Kd: 3.13  
Method: OECD Test Guideline 106

### Other adverse effects

no data available

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Dispose of in accordance with local regulations.  
Dispose of contents/container in accordance with local regulation.  
Contact waste disposal services.  
Do not dispose of waste into sewer.  
The product should not be allowed to enter drains, water courses or the soil.

Contaminated packaging : Dispose of as unused product.  
Do not re-use empty containers.

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## SECTION 14. TRANSPORT INFORMATION

### DOT

**UN number** : 3082  
**Proper shipping name** : Environmentally hazardous substance, liquid, n.o.s.  
(Didecyldimethylammonium chloride, Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides)

**Transport hazard class** : 9  
**Packing group** : III  
**Labels** : 9  
**Emergency Response Guidebook Number** : 171  
**Environmental hazards** : no

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### TDG

<b>UN number</b>	: 3082
<b>Proper shipping name</b>	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Didecyldimethylammonium chloride, Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides)
<b>Transport hazard class</b>	: 9
<b>Packing group</b>	: III
<b>Labels</b>	: 9
<b>Environmental hazards</b>	: no

### IATA

<b>UN number</b>	: 3082
<b>Proper shipping name</b>	: Environmentally hazardous substance, liquid, n.o.s. (Didecyldimethylammonium chloride, Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides)
<b>Transport hazard class</b>	: 9
<b>Packing group</b>	: III
<b>Labels</b>	: 9MI
<b>Environmental hazards</b>	: no

### IMDG

<b>UN number</b>	: 3082
<b>Proper shipping name</b>	: Environmentally hazardous substance, liquid, n.o.s. (Didecyldimethylammonium chloride, Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides)
<b>Transport hazard class</b>	: 9
<b>Packing group</b>	: III
<b>Labels</b>	: 9
<b>EmS Number 1</b>	: F-A
<b>EmS Number 2</b>	: S-F
<b>Environmental hazards</b>	: Marine pollutant: yes

### ADR

<b>UN number</b>	: 3082
<b>Proper shipping name</b>	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Didecyldimethylammonium chloride, Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides)
<b>Transport hazard class</b>	: 9
<b>Packing group</b>	: III
<b>Classification Code</b>	: M6
<b>Hazard Identification Number</b>	: 90
<b>Labels</b>	: 9
<b>Environmental hazards</b>	: yes

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### RID

**UN number** : 3082  
**Proper shipping name** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE,  
LIQUID, N.O.S.  
(Didecyldimethylammonium chloride, Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides)  
**Transport hazard class** : 9  
**Packing group** : III  
**Classification Code** : M6  
**Hazard Identification Number** : 90  
**Labels** : 9  
**Environmental hazards** : yes

**Special precautions for user** : none

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not applicable

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## SECTION 15. REGULATORY INFORMATION

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.

EPA Registration number : 47371-131  
Signal word : DANGER!  
Hazard statements : Harmful if inhaled.  
Corrosive - causes irreversible eye damage.

### EPCRA - Emergency Planning and Community Right-to-Know Act

#### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

#### SARA 311/312 Hazards

See above: SECTION 2. Hazard Identification-GHS Classification

#### SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### Clean Air Act

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This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

Components	CAS-No.	Concentration
Ethanol	64-17-5	>= 0.1 - < 1 %

This product does not contain any VOC exemptions listed under the U.S. Clean Air Act Section 450.

### Clean Water Act

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

### US State Regulations

#### Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

#### Pennsylvania Right To Know

Components	CAS-No.
Water	7732-18-5

### California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### Canadian lists

#### NPRI

Canadian National Pollutant Release Inventory (NPRI): No component is listed on NPRI.

### SECTION 16. OTHER INFORMATION

#### Full text of other abbreviations

ACGIH : US. ACGIH Threshold Limit Values  
NIOSH/GUIDE : US. NIOSH: Pocket Guide to Chemical Hazards, as amended

AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

**Prepared By:** Regulatory Specialist, WorkLife Brands, (508) 253-5000

Always follow label directions carefully when using this or any other chemical product. If information about this product is required, please contact Coastwide Professional at 800-270-9167 or visit our website at [www.coastwideprofessional.com](http://www.coastwideprofessional.com). Keep Safety Data Sheets filed and organized in an area accessible to workers according to all applicable regulations.

*All information contained in this SDS is provided to the best of Suppliers' knowledge. No warranty is made with respect to this information expressed or implied, including warranties of merchantability or fitness for a particular purpose. Users are responsible for verifying the information under their own operating conditions to determine whether the products listed in the SDS are suitable for their intended use. Users are responsible for compliance with all laws and regulations as may be required by their receipt of the information and use of the products provided with this SDS.*