

# Cents-able Disinfectant (Concentrate)

## Safety Data Sheet

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form :  
Product name : Mixture  
Product code : **Cents-able Disinfectant**  
11283

#### 1.2. Relevant identified uses of the

#### substance or mixture and uses advised against

Use of the substance/mixture : Disinfectant

#### 1.3. Details of the supplier of the safety data sheet

Archer Manufacturing  
409960 California Oaks Rd. Ste, 251, Murrieta CA 92562  
T 1-(800) 796-5545

#### 1.4. Emergency telephone number

Emergency number : 1-(800) 535-5053

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-US)

Acute Tox. 4 (Oral) H302  
Skin Corr. 1C H314  
Eye Dam. 1 H318

Full text of H-phrases: see section 16

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms



GHS05

GHS07

Signal word

: Danger

Hazard statements

: Harmful if swallowed.

Causes severe skin burns and eye damage.

Causes serious eye damage.

Precautionary statements

: Do not breathe mist, vapors.

Wash hands and forearms thoroughly after handling.

Do not eat, drink or smoke when using this product.

Wear eye protection, protective gloves, protective clothing, face protection.

If swallowed: rinse mouth. Do NOT induce vomiting.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

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 or doctor/physician.

Rinse mouth.

Wash contaminated clothing before reuse.

Store locked up.

Dispose of contents/container in accordance with Local, State, and Federal regulations.

#### 2.3. Hazard not otherwise classified (HNOC)

No additional information available

#### 2.4. Unknown acute toxicity (GHS-US)

1.3 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)

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EN (English US)

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1.3 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
1.3 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

(NOTE: If component displays the \* (asterisk) symbol, the following statement applies.)

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of H-phrases: see section 16

#### 3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
alkyl dimethyl benzyl ammonium chloride (C12-16)	(CAS No) 68424-85-1	1 - 5	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
nonylphenol, ethoxylated	(CAS No) 9016-45-9	1 - 5	Eye Dam. 1, H318 Aquatic Chronic 2, H411
decyldimethyloctylammonium chloride	(CAS No) 32426-11-2	1 - 5	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
tetrasodium ethylenediaminetetracetate	(CAS No) 64-02-8	1 - 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
didecyl dimethyl ammonium chloride	(CAS No) 7173-51-5	1 - 5	Acute Tox. 3 (Oral), H301 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	(CAS No) 68424-95-3	1 - 5	Skin Corr. 1B, H314 Eye Dam. 1, H318
disodium metasilicate, pentahydrate	(CAS No) 10213-79-3	1 - 5	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 STOT SE 3, H335

(NOTE: If component displays the \* (asterisk) symbol, the following statement applies.)

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after skin contact	: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries	: Causes severe skin burns and eye damage.
Symptoms/injuries after skin contact	: Causes burns/corrosion of the skin.
Symptoms/injuries after eye contact	: Causes serious eye damage.
Symptoms/injuries after ingestion	: Harmful if swallowed. Burns to the gastric/intestinal mucosa. Nausea. Abdominal pain. Gastrointestinal complaints.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Alcohol-resistant foam. BC powder. Carbon dioxide. Dry chemical powder. Sand/earth.
Unsuitable extinguishing media	: Do not use a heavy water stream.

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### 5.2. Special hazards arising from the substance or mixture

Reactivity : Reacts with (strong) oxidizers. Reacts with (strong) reducers.

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

Other information : No additional information available.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Isolate from fire, if possible, without unnecessary risk.

#### 6.1.1. For non-emergency personnel

Protective equipment : Protective goggles.  
Protective gloves.  
Protective clothing.  
Respiratory protection.

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

For containment : Contain released substance, pump into suitable containers. Plug the leak, cut off the supply.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.  
Collect spillage. Store away from other materials. Wash down leftovers with plenty of water.  
Wash clothing and equipment after handling.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Do not get in eyes, on skin, or on clothing. Do not breathe mist, vapors. Ensure good ventilation of the work station. Observe normal hygiene standards. Provide good ventilation in process area to prevent formation of vapor. Use only outdoors or in a well-ventilated area. Use personal protective equipment as required.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash hands and forearms thoroughly after handling. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Provide local exhaust or general room ventilation. Comply with applicable regulations.

Incompatible products : Oxidizing agent. Reducing agents.

Storage area : Store in a cool, dry well-ventilated area. Keep container tightly closed when not in use.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No data available

### 8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear protective gloves.

Eye protection : Chemical goggles or face shield.

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Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. In case of insufficient ventilation, wear suitable respiratory equipment.
Other information	: When using, do not eat, drink or smoke.
Appropriate engineering controls	: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Clear green
Odor	: Mint
Odor threshold	: No data available
pH	: 12 - 13
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 200 °F
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not flammable
Explosive limits	: No data available
Vapor pressure	: No data available
Vapor density	: No data available
Specific Gravity @ 77° F	: 1.008 - 1.028
Solubility	: Soluble in water.
Partition Coefficient n-Octanol-Water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available

#### 9.2. Other information

VOC content	: < 15 g/l CARB VOC
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reacts with (strong) oxidizers. Reacts with (strong) reducers.

#### 10.2. Chemical stability

Stable under recommended conditions.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Extremely high or low temperatures.

#### 10.5. Incompatible materials

Oxidizers. Reducing agents.

#### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. Nitrogen oxides. Thermal decomposition generates : Toxic vapors.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity	: Oral: Harmful if swallowed.
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#### Cents-able Disinfectant

ATE US (oral)	1354.494 mg/kg body weight
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<b>tetrasodium ethylenediaminetetracetate (64-02-8)</b>	
LD50 oral rat	> 2000 mg/kg (Rat)
ATE US (oral)	500.000 mg/kg body weight
<b>nonyl phenol, ethoxylated (9016-45-9)</b>	
LD50 oral rat	4290 mg/kg
LD50 dermal rabbit	> 3000 mg/kg
ATE US (oral)	4290.000 mg/kg body weight
<b>alkyl dimethyl benzyl ammonium chloride (C12-16) (68424-85-1)</b>	
LD50 oral rat	344 mg/kg
LD50 dermal rabbit	3340 mg/kg
ATE US (oral)	344.000 mg/kg body weight
ATE US (dermal)	3340.000 mg/kg body weight
<b>didecyl dimethyl ammonium chloride (7173-51-5)</b>	
LD50 oral rat	238 mg/kg
LD50 dermal rabbit	3342 mg/kg
ATE US (oral)	238.000 mg/kg body weight
ATE US (dermal)	3342.000 mg/kg body weight
<b>decyldimethyloctylammonium chloride (32426-11-2)</b>	
ATE US (oral)	500.000 mg/kg body weight
<b>disodium metasilicate, pentahydrate (10213-79-3)</b>	
LD50 oral rat	847 mg/kg
ATE US (oral)	847.000 mg/kg body weight

Skin corrosion/irritation	: Causes severe skin burns and eye damage. pH: 12 - 13
Serious eye damage/irritation	: Causes serious eye damage. pH: 12 - 13
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Harmful if swallowed.
Symptoms/injuries after skin contact	: Causes burns/corrosion of the skin.
Symptoms/injuries after eye contact	: Causes serious eye damage.
Symptoms/injuries after ingestion	: Harmful if swallowed. Burns to the gastric/intestinal mucosa. Nausea. Abdominal pain. Gastrointestinal complaints.

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>tetrasodium ethylenediaminetetracetate (64-02-8)</b>	
LC50 fish 1	121 mg/l (96 h; Lepomis macrochirus; Soft water)
EC50 Daphnia 1	625 mg/l (24 h; Daphnia magna)
LC50 fish 2	374 - 792 mg/l (96 h; Lepomis macrochirus; pH > 7)
Threshold limit algae 1	> 100 mg/l (72 h; Scenedesmus subspicatus; Growth)

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<b>nonyl phenol, ethoxylated (9016-45-9)</b>	
LC50 fish 1	5 mg/l (96 h; Gasterosteus aculeatus; Intermittent flow)
EC50 other aquatic organisms 1	500 mg/l (Selenastrum capricornutum; Chronic)
LC50 fish 2	7 mg/l (96 h; Leuciscus idus)
Threshold limit algae 1	500 mg/l (Selenastrum capricornutum; Cell numbers)

<b>didecyl dimethyl ammonium chloride (7173-51-5)</b>	
LC50 fish 1	1 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
EC50 Daphnia 1	0.094 mg/l (48 h; Daphnia magna)
EC50 other aquatic organisms 1	11 mg/l (3 h; Activated sludge)

<b>disodium metasilicate, pentahydrate (10213-79-3)</b>	
LC50 fish 1	210 mg/l (96 h; Brachydanio rerio; Anhydrous form)
EC50 Daphnia 1	216 mg/l (96 h; Daphnia magna; Anhydrous form)
LC50 fish 2	2320 mg/l (96 h; Gambusia affinis; Anhydrous form)
EC50 Daphnia 2	632 mg/l (96 h; Lymnaea sp.; Anhydrous form)

### 12.2. Persistence and degradability

<b>tetrasodium ethylenediaminetetracetate (64-02-8)</b>	
Persistence and degradability	Not readily biodegradable in water.
Biochemical oxygen demand (BOD)	< 0.002 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	0.54 - 0.58 g O <sub>2</sub> /g substance

<b>nonyl phenol, ethoxylated (9016-45-9)</b>	
Persistence and degradability	Not readily biodegradable in water.

### didecyl dimethyl ammonium chloride (7173-51-5)

Persistence and degradability Readily biodegradable in water.

Persistence and degradability Biodegradability: not applicable.

### disodium metasilicate, pentahydrate (10213-79-3)

Biochemical oxygen demand (BOD)	
Chemical oxygen demand (COD)	
ThOD	
BOD (% of ThOD)	Not applicable

### 12.3. Bioaccumulative potential

<b>tetrasodium ethylenediaminetetracetate (64-02-8)</b>	
Log Pow	-2.6
Bioaccumulative potential	Bioaccumulation: not applicable.

<b>nonyl phenol, ethoxylated (9016-45-9)</b>	
Log Pow	> 4

### didecyl dimethyl ammonium chloride (7173-51-5)

BFC fish 1 81 (966 h; Lepomis macrochirus)  
Log Pow 4.66 (Estimated value)

### disodium metasilicate, pentahydrate (10213-79-3)

Bioaccumulative potential No bioaccumulation data available.

### 12.4. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with Local, State, and Federal regulations.

**SECTION 14: Transport information**

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### 14.1. UN Number

UN-No.(DOT) : 1903  
Other information : Under 49 CFR 173.154(c) and (b)(2): This product may be shipped as ORM-D or Limited Quantity if the inner packagings do not exceed 5 L (1.3 gallons) or 5.0 kg (11 lbs). This provision does not apply to transportation by vessel or aircraft, except where other means of transportation is impracticable.

### 14.2. UN proper shipping name

DOT Proper Shipping Name : UN1903, Disinfectants, Liquid, Corrosive, N.O.S. (Quaternary Ammonium Compounds), 8, PGIII  
Hazard labels (DOT) : 8 - Corrosive



## SECTION 15: Regulatory information

### 15.1. US Federal regulations

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

<b>tetrasodium ethylenediaminetetracetate (64-02-8)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
<b>nonyl phenol, ethoxylated (9016-45-9)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
<b>alkyl dimethyl benzyl ammonium chloride (C12-16) (68424-85-1)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard
<b>didecyl dimethyl ammonium chloride (7173-51-5)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard
<b>decyldimethyloctylammonium chloride (32426-11-2)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard
<b>disodium metasilicate, pentahydrate (10213-79-3)</b>	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
<b>quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides (68424-95-3)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

### 15.2. International regulations

#### CANADA

#### EU-Regulations

No additional information available



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Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

### 15.2.2. National regulations

#### disodium metasilicate, pentahydrate (10213-79-3)

Disodium metasilicate, pentahydrate the anhydrous form of this material is listed on the EPA TSCA inventory under the CAS no. 6834-92-0.

EPA Registration Number : 6836-77-69886

EPA Comments : This chemical is a pesticide 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. The pesticide label also includes other important information, including directions for use.

DANGER

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have a 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.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling poison control center or doctor or going for treatment.

### 15.3. US State regulations

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

Prop 65 Comments :Formaldehyde (CAS#50-00-0): < 70 ppm

## SECTION 16: Other information

Abbreviations Legend:

Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Flam. Liq. 3	Flammable liquids Category 3
Skin Corr. 1B	Skin corrosion/irritation Category 1B

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Skin Corr. 1C	Skin corrosion/irritation Category 1C
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H226	Flammable liquid and vapor
H301	Toxic if swallowed
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

### Disclaimer

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*ALL NON-EMERGENCY QUESTIONS SHOULD BE DIRECTED TO CUSTOMER SERVICE 1-(800) 796-5545*

Revision date: 05/26/2015

Supersedes: 06/17/2014

Version: 1.0