

## 1. Identification

<b>Product identifier</b>	<b>COPPER+CRANE™ Gardens of Blenheim</b>	
<b>Product list</b>	SKU(s):- CC-CDL-1000030	
<b>Other means of identification</b>	None.	
<b>Recommended use</b>	Candle	
<b>Recommended restrictions</b>	None known.	
<b>Manufacturer/Importer/Supplier/Distributor information</b>		
<b>Company name</b>	Digital Roadmap LLC	
<b>Address</b>	133 Peachtree Street, NE Atlanta, GA 30303	
<b>Telephone</b>	Technical Information	866.435.5647
	(M)SDS Request	404.652.5119
<b>E-mail</b>	MSDSREQ@GAPAC.com	
<b>Emergency phone number</b>	Chemtrec - Emergency	800.424.9300

## 2. Hazard(s) identification

<b>Emergency overview</b>	This is a consumer product and may contain hazardous substances, as those terms are defined in the Consumer Product Safety Act (15 U.S.C. 2051 et seq.) and Federal Hazardous Substances Act (15 U.S.C. 1261 et seq.), and it is therefore exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200) when it is used in the workplace for its intended purpose and such use results in a duration and frequency of exposure not greater than the range of exposures that could reasonably be experienced by consumers when used for the same intended purpose. Please refer directly to the product label for any first aid or warning information applicable to consumer use and required by the Federal Hazardous Substances Act. This SDS is prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200) for workplace employees.	
<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Sensitization, skin	Category 1A
<b>Environmental hazards</b>	Hazardous to the aquatic environment, long-term hazard	Category 3
<b>OSHA defined hazards</b>	Not classified.	
<b>Label elements</b>		



<b>Signal word</b>	Warning
<b>Hazard statement</b>	May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.
<b>Precautionary statement</b>	
<b>Prevention</b>	In case of prolonged or frequently repeated contact, wear protective gloves. Do not eat, drink or smoke when using this product. Avoid release to the environment.
<b>Response</b>	If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Specific treatment (see section 4 on the SDS).
<b>Storage</b>	Store away from strong oxidizers.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	None.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
PARAFFIN WAXES AND HYDROCARBON WAXES		8002-74-2	15 - 40
BENZYL BENZOATE		120-51-4	3 - 7
WHITE MINERAL OIL		8042-47-5	3 - 7
CYCLOPENTANEACETIC ACID, 3-OXO-2-PENTYL-, METHYL ESTER		24851-98-7	1 - 5
BENZYL SALICYLATE		118-58-1	0.1 - 1
CITRAL		5392-40-5	0.1 - 1
ETHANONE, 1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHAL ENYL)-		54464-57-2	0.1 - 1
GERANIOL		106-24-1	0.1 - 1
Other components below reportable levels			45 - 70

The specific chemical identity and/or percentage of composition has been withheld as a trade secret.

#### 4. First-aid measures

<b>Inhalation</b>	Under normal conditions of intended use, this material is not expected to be an inhalation hazard. Call a physician if symptoms develop or persist. Move to fresh air.
<b>Skin contact</b>	Wash with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
<b>Eye contact</b>	Flush eyes immediately with large amounts of water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	May cause an allergic skin reaction. Dermatitis. Rash. Direct contact with eyes may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Symptoms may be delayed. Keep victim under observation.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

#### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Foam. Water fog. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Use water spray to cool unopened containers.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.

#### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Provide adequate ventilation and avoid contact with skin and eyes. Wear appropriate protective equipment and clothing during clean-up. For personal protection, see section 8 of the SDS. Local authorities should be advised if significant spillages cannot be contained. Remove all sources of ignition.
<b>Methods and materials for containment and cleaning up</b>	Sweep up and shovel into suitable containers for disposal. Contain the spill, then place in a suitable container. Collect and dispose of spillage as indicated in section 13 of the SDS. For waste disposal, see section 13 of the SDS. Prevent product from entering drains.
<b>Environmental precautions</b>	Avoid release to the environment. If large quantities enter a waterway, advise local authorities.

## 7. Handling and storage

**Precautions for safe handling** Avoid contact with eyes, skin, and clothing. Provide adequate ventilation. When using, do not eat, drink or smoke. Do not taste or swallow. Wear appropriate personal protective equipment. Avoid release to the environment.

**Conditions for safe storage, including any incompatibilities** Store away from incompatible materials (see Section 10 of the SDS). Keep away from children.

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### ACGIH

Components	Type	Value	Form
WHITE MINERAL OIL (CAS 8042-47-5)	TWA	5 mg/m <sup>3</sup>	(inhalable)

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
CITRAL (CAS 5392-40-5)	TWA	5 ppm	Inhalable fraction and vapor.
PARAFFIN WAXES AND HYDROCARBON WAXES (CAS 8002-74-2)	TWA	2 mg/m <sup>3</sup>	Fume.

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
PARAFFIN WAXES AND HYDROCARBON WAXES (CAS 8002-74-2)	TWA	2 mg/m <sup>3</sup>	Fume.

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

### Exposure guidelines

#### US ACGIH Threshold Limit Values: Skin designation

CITRAL (CAS 5392-40-5) Can be absorbed through the skin.

**Appropriate engineering controls** General ventilation normally adequate.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses or goggles if handling large quantities.

#### Skin protection

**Hand protection** In case of prolonged or frequently repeated contact, wear appropriate gloves.

**Other** None necessary under normal conditions of use. Wear appropriate gloves if handling large quantities.

**Respiratory protection** Under normal conditions of use respiratory protection is not expected to be required.

**Thermal hazards** Not applicable.

**General hygiene considerations** When using, do not eat, drink or smoke. 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.

## 9. Physical and chemical properties

### Appearance

**Physical state** Solid.

**Form** Solid.

**Color** Not available.

**Odor** Not available.

**Odor threshold** Not available.

**pH** Not available.

**Melting point/freezing point** Not available.

<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	325.0 °F (162.8 °C)
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Explosive properties</b>	Not explosive.
<b>Oxidizing properties</b>	Not oxidizing.

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Carbon dioxide, carbon monoxide, and unburned hydrocarbons.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Health injuries are not known or expected under normal use.
<b>Skin contact</b>	May cause an allergic skin reaction.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	Not applicable under normal conditions of use. May cause gastrointestinal irritation if ingested.

**Symptoms related to the physical, chemical and toxicological characteristics** May cause an allergic skin reaction. Dermatitis. Rash. Direct contact with eyes may cause temporary irritation.

### Information on toxicological effects

#### Acute toxicity

Product	Species	Test Results
COPPER+CRANE™ Gardens of Blenheim		
<b>Acute</b>		
<b>Dermal</b>		
ATEmix		313500 mg/kg

Product	Species	Test Results
<b>Oral</b> ATEmix		25950 mg/kg
<b>Components</b>	<b>Species</b>	<b>Test Results</b>
BENZYL BENZOATE (CAS 120-51-4)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rat	4000 mg/kg
<b>Oral</b>		
LD50	Rat	2000 mg/kg
		1700 mg/kg
BENZYL SALICYLATE (CAS 118-58-1)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	14150 mg/kg
<b>Oral</b>		
LD50	Rat	2227 mg/kg
CITRAL (CAS 5392-40-5)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rat	> 2000 mg/kg
<b>Inhalation</b>		
<i>Vapor</i>		
LC50	Rat	0.68 mg/l, 7 hours
<b>Oral</b>		
LD50	Rat	6800 mg/kg
CYCLOPENTANEACETIC ACID, 3-OXO-2-PENTYL-, METHYL ESTER (CAS 24851-98-7)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 5000 mg/kg, 24 hours
<b>Inhalation</b>		
LC50	Rat	> 4.93 mg/l, 4 hours
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg
GERANIOL (CAS 106-24-1)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 5000 mg/kg
<b>Oral</b>		
LD50	Rat	3600 mg/kg
<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause temporary irritation.	
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.	
<b>Respiratory or skin sensitization</b>		
<b>ACGIH sensitization</b>		
CITRAL, INHALABLE FRACTION AND VAPOR (CAS 5392-40-5)	Dermal sensitization	
<b>Respiratory sensitization</b>	Not classified.	
<b>Skin sensitization</b>	May cause an allergic skin reaction.	
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Not listed.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)**

Not regulated.

**US. National Toxicology Program (NTP) Report on Carcinogens**

Not listed.

<b>Reproductive toxicity</b>	Not classified.
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not applicable.
<b>Chronic effects</b>	Not hazardous under normal conditions of use.

**12. Ecological information****Ecotoxicity** Harmful to aquatic life with long lasting effects.

Product	Species	Test Results
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COPPER+CRANE™ Gardens of Blenheim

**Aquatic**

Crustacea	EC50	Daphnia	3389.8306 mg/L, 48 Hours estimated
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*Acute*

Fish	LC50	Fish	5.693 mg/l, 96 hours estimated
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**Components****Species****Test Results**

BENZYL BENZOATE (CAS 120-51-4)

**Aquatic***Acute*

Fish	LC50	Fish	0.29 mg/l, 96 hours
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*Chronic*

Crustacea	NOEC	Daphnia	0.25 mg/l, 21 days
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CITRAL (CAS 5392-40-5)

**Aquatic***Acute*

Fish	LC50	Fish	6.78 mg/l, 96 hours
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CYCLOPENTANEACETIC ACID, 3-OXO-2-PENTYL-, METHYL ESTER (CAS 24851-98-7)

**Aquatic***Acute*

Fish	LC50	Fish	19 mg/l, 96 hours
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ETHANONE, 1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHALENYL)- (CAS 54464-57-2)

**Aquatic***Acute*

Fish	LC50	Fish	1.3 mg/l, 96 hours
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GERANIOL (CAS 106-24-1)

**Aquatic***Acute*

Fish	LC50	Fish	22 mg/l, 96 hours
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**Persistence and degradability** No data is available on the degradability of this product.**Bioaccumulative potential****Partition coefficient n-octanol / water (log Kow)**

BENZYL BENZOATE 3.97

**Mobility in soil** No data available.**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.

### 13. Disposal considerations

<b>Disposal instructions</b>	Dispose of contents/container in accordance with local/regional/national/international regulations. Do not incinerate used or unused product.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	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).
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. Transport information

#### DOT

Not regulated as dangerous goods.

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

### 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### Toxic Substances Control Act (TSCA)

##### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

##### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** Yes

**Classified hazard categories** Respiratory or skin sensitization

##### SARA 313 (TRI reporting)

Not regulated.

#### Other federal regulations

##### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) 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.

#### US state regulations

##### California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply 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).

## 16. Other information, including date of preparation or last revision

**Issue date** February-27-2019

**Version #** 01

**HMIS® ratings** Health: 2  
Flammability: 0  
Physical hazard: 0

**NFPA ratings** Health: 2  
Flammability: 0  
Instability: 0

**Disclaimer** This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as of the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handled, or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractors, and customers who will use the product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure of what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete.