



Safety Data Sheet

1. Identification

Product identifier	Wiseair Citrus Mint
Other means of identification	None
Product Code	None
Recommended use	Deodorizer
Recommended restrictions	None known
Manufacturer	West Sanitation Services, Inc.
Address	2158 Beaumont Dr - Baton Rouge, LA 70806
Telephone	General Assistance 225-302-5570
Emergency phone number	CHEMTREC: 800-424-9300

2. Hazards identification

Physical hazards	Flammable liquids	Category 4
Health hazards	Acute toxicity, oral	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Sensitization, skin	Category 1
	Reproductive toxicity	Category 2
	Specific target organ toxicity, repeated exposure	Category 2
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 2
	Hazardous to the aquatic environment, long-term hazard	Category 2
OSHA defined hazards	Not classified.	

Label elements



Signal word Warning

Hazard statement

Combustible liquid. Harmful if swallowed. Causes skin irritation. May cause an Allergic.

Precautionary statement

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response

If swallowed: Call a poison center/doctor if you feel unwell. If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Rinse mouth. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish. Collect spillage.

Storage

Store in a well-ventilated place. Keep cool. Store locked up.

Disposal

Dispose of contents / container in accordance with local/regional /national/ International regulations.

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

Supplemental information

70.59% of the mixture consists of component(s) of unknown acute oral toxicity. 92.93% of information mixture consists of component(s) of unknown acute hazards to the aquatic environment. 52.91% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

3. Composition /information on ingredients

Chemical name	CAS number	%
2-Methyl-6-methyloct-7-en-2-ol, dihydro derivative	53219-21-9	10.7
3,7-Dimethyloct-6-enitrile	51566-62-2	8.6
2-tert-Butylcyclohexyl acetate	88-41-5	6.5
Terpineol, acetate	8007-35-0	6.4
citral	5392-40-5	6.2
Linalyl Acetate	115-95-7	4.3
(2-Methoxymethylethoxy) propanol	34590-94-8	4
Aceites esenciales, pimienta	8006-90-4	4
2-(4-Tert-Butylbenzyl)	80-54-6	3
Propionaldehyde		
Citrus Terpenes	68608-34-4	2.9

Aceites, hierbabuena	8008-79-5	2.6
3,7-Dimethylnona-2,6-dienenitrile	61792-11-8	2.2
3-Cyclohexene-1-methanol, .alpha.,.alpha.,4-trimethyl-	98-55-5	1.8
Cedro Oil	8008-56-8	1.7
Citronellol	106-22-9	1.7
Linalool	78-70-6	1.6
p-Mentha-1,4(8)-diene	586-62-9	1.1
Geraniol	106-24-1	0.98
Undec-10-enal	112-45-8	0.82
3-p-Cumenyl-2-methylpropionaldehyde	103-95-7	0.9
Geraniol Acetate	105-87-3	0.7
Nerol	106-25-2	0.392
Litsea Cububa Berry Oil	68855-99-2	0.25
2,6-Di-Tert-Butyl-P-Cresol	128-37-0	
Other components below reportable levels		0.2
		26.458

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

4. First-aid measures

Inhalation

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing Call a physician if symptoms develop or persist.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. 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. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.

Most important symptoms/effects, acute and delayed

Dermatitis. Rash. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Skin irritation. May cause an allergic skin reaction. May cause redness and pain.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General information

IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). 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. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

The product is combustible, and heating may generate vapors which may form Explosive vapor/air mixtures. 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.

Firefighting equipment/instructions

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards

Combustible liquid.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors or mists. 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 material for containment and cleaning up:

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. 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 release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

7. Handling and storage:**Precautions for safe handling:**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from open flames, hot surfaces and sources of ignition. Provide adequate ventilation. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection**Occupational exposure limits****US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Components	Type	Value
(2-Methoxymethylethoxy) propanol (CAS 34590-94-8)	PEL	600 mg/m ³

		100 ppm	
US. ACGIH Threshold Limit Values			
Components	Type	Value	Form
(2-Methoxymethylethoxy) propanol (CAS 34590-94-8)	STEL	150 ppm	
	TWA	100 ppm	
	TWA	2 mg/m ³	Inhalable fraction vapor.
2,6-DI-TERT-BUTYL-P-CR ESOL (CAS 128-37-0)	TWA	5 ppm	Inhalable fraction vapor.
citral (CAS 5392-40-5)			

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
(2-Methoxymethylethoxy) propanol (CAS 34590-94-8)	STEL	900 mg/m ³
		150 ppm
	TWA	600 mg/m ³
		100 ppm
2,6-DI-TERT-BUTYL-P-CR ESOL (CAS 128-37-0)	TWA	10 mg/m ³

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.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke. Keep away from food and drink. 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. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and Chemical Properties

Appearance	
Physical state	Liquid.
Form	Liquid.
Color	Colorless to Pale Yellow
Odor CITRUS;	OZONE
Odor threshold	Not available.
pH	Non-applicable.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	173.0 °F (78.3 °C)
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Not available.	
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility	
Solubility (water)	Insoluble
Partition coefficient (n-octanol / water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Specific gravity	0.897 - 0.917 @25C
VOC (Weight %)	Not available

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

Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: No hazardous decomposition products are known.

11. Toxicological Information

Information on likely routes of exposure

Inhalation May cause damage to organs through prolonged or repeated exposure by inhalation.

Skin contact Causes skin irritation. May cause an allergic skin reaction.

Eye contact Causes serious eye irritation.

Ingestion Harmful if swallowed.

Symptoms related to the physical, chemical & toxicological characteristics

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

Acute toxicity Harmful if swallowed. May cause an allergic skin reaction.

Components	Species	Test Results
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(2-Methoxymethylethoxy) propanol (CAS 34590-94-8)

Acute

Dermal		
LD50	Rabbit	9.5 g/kg

Oral		
LD50	Rat	5.4 ml/kg 5.35 g/kg

2,6-DI-TERT-BUTYL-P-CRESOL (CAS 128-37-0)

Acute

Oral		
LD50	Guinea pig	10700 mg/kg
	Mouse	1040 mg/kg
	Rat	890 mg/kg

Aceites esenciales, pimienta (CAS 8006-90-4)

Acute

Oral		
LD50	Mouse	2490 mg/kg
	Rat	2426 mg/kg

Other

LD50	Rat	819 mg/kg
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Aceites, hierbabuena (CAS 8008-79-5)

Acute

Oral

LD50 citral (CAS 5392-40-5) Acute Dermal LD50	Rat	5 g/kg
	Rabbit	2250 mg/kg
	Rat	> 2000 mg/kg
Oral LD50	Mouse	1440 mg/kg
	Rat	4950 mg/kg

GERANIOL (CAS 106-24-1) Acute

Dermal LD50	Rabbit	> 5000 mg/kg
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Oral LD50	Rat	3600 mg/kg
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GERANYL ACETATE (CAS 105-87-3)

Acute Oral LD50	Rat	6330 mg/kg
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LINALOOL (CAS 78-70-6)

Acute Dermal LD50	Rabbit	2000 mg/kg
	Rat	5610 mg/kg

Oral LD50	Mouse	3000 mg/kg
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LINALYL ACETATE (CAS 115-95-7)

Acute Dermal LD50	Rabbit	> 5000 mg/kg
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Oral LD50	Mouse	13.36 g/kg
	Rat	14.55 g/kg

p-Mentha-1,4(8)-diene (CAS 586-62-9)

Acute Dermal LD50	Rabbit	> 5000 mg/kg
	Rat	> 5 ml/kg

Oral LD50	Mouse	> 4000 mg/kg
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* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye	Causes serious eye irritation.

Respiratory or skin sensitization

ACGIH Sensitization	Dermal sensitization
citral (CAS 5392-40-5)	Not a respiratory sensitizer.
Respiratory sensitization	May cause an allergic skin reaction.
Skin sensitization	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Germ cell mutagenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Carcinogenicity	

IARC Monographs. Overall Evaluation of Carcinogenicity

2,6-DI-TERT-BUTYL-P-CRESOL (CAS 128-37-0)	3 Not classifiable as to carcinogenicity to humans.
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OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity	Suspected of damaging fertility or the unborn child.
Specific target organ toxicity single exposure	Not classified.
Specific target organ toxicity	May cause damage to organs through prolonged or repeated exposure.
	repeated exposure
Aspiration hazard	Not an aspiration hazard.
Chronic effects	May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful

12. Ecological Information

Ecotoxicity Components	Toxic to aquatic life with long lasting effects.	Species	Test Results
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2,6-DI-TERT-BUTYL-P-CRESOL (CAS 128-37-0)

Aquatic

Crustacea	EC50	Water flea (Daphnia pulex)	1.44 mg/l, 48 hours
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GERANIOL (CAS 106-24-1) Aquatic

Fish LC50 Brown trout (Salmo trutta) 2.3 - 3 mg/l, 96

* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

3-Cyclohexene-1-methanol, .alpha.,.alpha.,4-trimethyl-	2.98
Linalool	2.97
	4.23

p-Mentha-1,4(8)-diene

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

Disposal instructions

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations

Local disposal regulations

Dispose in accordance with all applicable 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

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.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

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

15. Regulatory Information

US federal regulations

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

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 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes

Delayed Hazard - Yes

Fire Hazard - Yes

Pressure Hazard - No

Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous No chemical

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

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

US. Massachusetts RTK - Substance List

(2-Methoxymethylethoxy) propanol (CAS 34590-94-8)

2,6-DI-TERT-BUTYL-P-CRESOL (CAS 128-37-0)

US. New Jersey Worker and Community Right-to-Know Act

(2-Methoxymethylethoxy) propanol (CAS 34590-94-8)

2,6-DI-TERT-BUTYL-P-CRESOL (CAS 128-37-0)

p-Mentha-1,4(8)-diene (CAS 586-62-9)

US. Pennsylvania Worker and Community Right-to-Know Law

(2-Methoxymethylethoxy) propanol (CAS 34590-94-8)
2,6-DI-TERT-BUTYL-P-CRESOL (CAS 128-37-0)

US. Rhode Island RTK

Not regulated.

US. 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.

International Inventories

Country(s)	Inventory name	On inventory	(yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)		No
Canada	Domestic Substances List (DSL)		No
Canada	Non-Domestic Substances List (NDSL)		Yes
China	Inventory of Existing Chemical Substances in China (IECSC)		No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)		No
Europe	European List of Notified Chemical Substances (ELINCS)		No
Japan	Inventory of Existing / New Chemical Substances (ENCS)		No
Korea	Existing Chemicals List (ECL)		No
New Zealand	New Zealand Inventory		No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)		No
United States	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 company.

16. Other Information, including date of preparation or last revision

Issue date 07-15-2019

Disclaimer: The information contained herein is accurate to the best of our knowledge. West Sanitation Services, Inc. makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances.