



Safety Data Sheet

1. Identification

Product identifier	Wiseair Select Fresh Citrus
Other means of identification	Wiseair Select Fresh Citrus Ready To Use
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

Classification acc. to OSHA "Hazard communication Standard" (29 CFR 1910.1200)

Flammable liquids	Flammable liquids 4	H227
Skin Sensitization	Skin Sensitization 1	H317
Aspiration hazards	Asp.Tox.1	H304

The product is combustibile and can be ignited by potential ignition sources

Additional information

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Label elements



Signal word Danger

Hazard statement

H227	Combustible liquid
H304	May be fatal if swallowed and enters airways
H317	May Cause an allergic skin reaction

Precautionary statement

Prevention

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P370+P378	In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazardous ingredients for labeling

Distillates (petroleum), hydrotreated light, Grapefruit oil, Orange terpenes, Citrus Aurantium dulcis (Orange) oil.

This material is combustible, but will not ignite readily.

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

Supplemental information

Harmful to aquatic life with long lasting effects (GHS category 3: aquatic toxicity – acute and chronic).

3. Composition /information on ingredients

Chemical name	CAS No	%
Distillates (petroleum), hydro- treated light	64742-47-8	75 - < 90
Grapefruit Oil	8016-20-4	1 - < 5
Orange Terpenes	8028-48-6	
	68647-72-3	1 - < 5
2-methyl-6-methyleneoct-7-en-2-ol,dihydro derivative	53219-21-9	1 - < 5
decanal	112-31-2	1 - < 5
3-p-cumenyl-2- methylpropionaldehyde	103-95-7	< 1
2-(4-methylcyclohex-3-en-1-yl) pro-pan-2-ol	8000-41-7	< 1
citral	5392-40-5	< 1
Hexyl salicylate	6259-76-3	< 1
Isobornyl acetate	125-12-2	< 1
citronellol	106-22-9	< 1
3,7-dimethyloct-6-enal	106-23-0	< 1
Lemon Oil	8008-56-8	< 1
benzyl salicylate	118-58-1	< 1
allyl hexanoate	123-68-2	< 1

linalyl acetate	115-95-7	< 1
Citrus aurantium dulcis (Orange) oil	8008-57-9	< 1
octanal	124-13-0	< 1
Spearmint oil	8008-79-5	< 1

4. First-aid measures

Inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Skin contact

Wash with plenty of soap and water.

Eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Call a physician immediately.

Most important symptoms/effects, acute and delayed

Symptoms and effects are not known to date

Indication of immediate medical attention and special treatment needed

None

5. Fire-fighting measures

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water jet

Specific hazards arising from the chemical

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products

Nitrogen oxides (NO_x), Carbon monoxide (CO), Carbon dioxide (CO₂)

Firefighting equipment/instructions

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Remove persons to safety.

For emergency responders: Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

Methods and material for containment and cleaning up:

Advices on how to contain a spill

Covering of drains

Advices on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: Sawdust, Kieselgur (diatomite), Sand, Universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

Environmental precautions:

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

7. Handling and storage:

Precautions for safe handling:

Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapors into cellars, flues and ditches.

Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools.

Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feeding stuffs.

Conditions for safe storage, including any incompatibilities

Managing of associated risks

Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

Control of the effects

Protect against external exposure, such as Heat, High temperatures

Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

Packaging compatibles

Only packagings which are approved (e.g. acc. to the dangerous goods regulations) may be used.

8. Exposure controls/personal protection

Occupational exposure limits

Appropriate engineering Controls

General Ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection: Wear eye /face protection.

Skin protection

Hand protection:

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak- tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves

Other

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

9. Physical and Chemical Properties

Appearance

Physical state

Liquid.

Color	Yellow
Odor	Fruity
pH	Non-determined
Melting point/freezing point	Non-determined
Initial boiling point and boiling range	Non-determined
Flash point	77 °C
Evaporation rate	Non-determined
Flammability (solid, gas)	not relevant (fluid)
Explosive limit	Non-determined
Vapor pressure	Non-determined
Vapor density	Not available.
Density	0.83 g/ml
Solubility	Non-determined
Partition coefficient	Non-determined
Auto-ignition temperature	Non-determined
Viscosity	Non-determined
Explosive properties	None
Oxidizing properties	None.

10. Stability and Reactivity

Reactivity

Concerning incompatibility: see below “Conditions to avoid” and “Incompatible materials”. The mixture contains reactive substance(s). Risk of ignition.

If heated: Risk of ignition.

Chemical stability

See below “Conditions to avoid”

Possibility of hazardous reactions

No known hazardous reactions.

Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition Sources. No Smoking.

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting equipment. Use only non-Sparking tools. Take precautionary measures against static discharge.

Incompatible materials: Oxidizers.

Hazardous decomposition products:

Reasonably anticipated hazardous decomposition products produced as result of use, storage, spill and heating are not known. Hazardous combustion products.

See section 5

11. Toxicological Information

Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula)

Acute toxicity Shall not be classified as acutely toxic.

Components	Species	Test Results
Orange Terpenes (8028-48-6,68647-72-3)		
Oral LD50	rat	>5,000 mg / kg
Dermal LD50	rabbit	>5,000 mg / kg
3-p-cumenyl-2-methylpropionaldehyde (103-95-7)		
Dermal LD50	rat	>5,000 mg / kg
Terpineol(8000-41-7)		
Oral LD50	rat	>2,000 mg / kg
Dermal LD50	rat	>2,000 mg / kg
Isobornyl acetate (125-12-2)		
Dermal LD50	rabbit	20,000 mg / kg
Citronellal (106-23-0)		
Oral LD50	rat	2,423 mg / kg
Dermal LD50	rabbit	<5,000 mg / kg
allyl hexanoate (123-68-2)		
Dermal LD50	rabbit	820 mg / kg
linalyl acetate (115-95-7)		
Oral LD50	rat	>9,000 mg / kg
Dermal LD50	rabbit	>5,000 mg / kg
octanal (124-13-0)		
Oral LD50	rat	4,617 mg / kg
Dermal LD50	rabbit	5,207 mg / kg

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitization

May cause an allergic skin reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

May be fatal if swallowed and enters airways.

Other information

Repeated exposure may cause skin dryness or cracking.

12. Ecological Information**Aquatic toxicity (acute) of components of the mixture**

Chemical Name	Endpoint	Value	Species	Exposure time
Orange Terpenes (8028-48-6,68647-72-3)	LL50	5.65mg / l	fish	96h
Orange Terpenes (8028-48-6,68647-72-3)	EL50	1.1 mg / l	aquatic invertebrates	48h
Decanal(112-31-2)	LC50	2.1 mg / l	fish	96h
Decanal(112-31-2)	EC50	1.94 mg / l	aquatic invertebrates	48h
3-p-cumenyl-2- methyl- propionaldehyde (103-95-7)	LC50	1.092 mg / l	fish	96 h
3-p-cumenyl-2- methyl- propionaldehyde (103-95-7)	EC50	1.4 mg / l	aquatic invertebrates	48h
3-p-cumenyl-2- methyl- propionaldehyde (103-95-7)	ErC50	4.3 mg / l	algae	72 h
Terpineol (8000-41-7)	LC50	80 mg / l	fish	48 h
Terpineol(8000-41-7)	ErC50	68 mg / l	algae	72 h
Terpineol(8000-41-7)	EC50	17 mg / l	algae	72 h
Hexyl salicylate(6259-76-3)	ErC50	0.61 mg / l	algae	72 h
Hexyl salicylate(6259-76-3)	EC50	0.28 mg / l	algae	72 h
Isobornyl acetate(125-12-2)	LC50	18 mg / l	fish	48 h
Isobornyl acetate(125-12-2)	EC50	4.09 mg / l	aquatic invertebrates	48 h
Isobornyl acetate(125-12-2)	ErC50	1.45 mg / l	algae	96 h

Citronellol(106-22-9)	LC50	14.66 mg / l	fish	96 h
citronellol(106-22-9)	EC50	17.48 mg / l	aquatic invertebrates	96h
Citronellal(106-23-0)	LC50	22 mg / l	fish	96 h
Citronellal(106-23-0)	EC50	8.7 mg / l	aquatic invertebrates	48h
Citronellal(106-23-0)	ErC50	13.33 mg / l	algae	72 h
benzyl salicylate(118-58-1)	LC50	1.03 mg / l	fish	96 h
benzyl salicylate(118-58-1)	EC50	1.16 mg / l	aquatic invertebrates	48h
benzyl salicylate(118-58-1)	ErC50	1.29 mg / l	algae	72 h
allyl hexanoate(123-68-2)	EC50	2 mg / l	aquatic invertebrates	48h
allyl hexanoate(123-68-2)	ErC50	>4.6 mg / l	algae	72 h
linalyl acetate(115-95-7)	LC50	11 mg / l	fish	96 h
linalyl acetate(115-95-7)	EC50	15 mg / l	aquatic invertebrates	48h
linalyl acetate(115-95-7)	ErC50	62 mg / l	algae	72 h
Octanal(124-13-0)	ErC50	4.5 mg / l	algae	72 h
Octanal(124-13-0)	EC50	1.79 mg / l	algae	72 h

Aquatic toxicity (chronic) of components of the mixture

Orange Terpenes (8028-48-6,68647-72-3)	EL50	1.4 mg / l	aquatic invertebrates
Decanal(112-31-2)	EC50	2.95 mg / l	aquatic invertebrates
3-p-cumenyl-2- methylpropionaldehyde (103-95-7)	EC50	100 mg / l	microorganisms
Terpineol(8000-41-7)	LC50	80 mg / l	fish
Citronellol(106-22-9)	EC50	>10,000 mg/l	microorganisms
benzyl salicylate(118-58-1)	EC50	1.21 mg / l	aquatic invertebrates
benzyl salicylate(118-58-1)	LC50	4.34 mg / l	aquatic invertebrates
linalyl acetate(115-95-7)	LC50	11.14 mg / l	fish
Octanal(124-13-0)	LC50	7.9 mg / l	fish

Persistence and degradability

Data are not available

Bioaccumulative potential

Data are not available

Mobility in soil

Data are not available

Other adverse effects

Endocrine disrupting potential

The mixture contains substances with an endocrine disrupting potential.

13. Disposal considerations

Disposal instructions

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

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: Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

14. Transport information

UN Number	3082
UN Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s
Transport Hazard Classes	
Class	9 (environmentally hazardous)
Packaging Group	III (substance presenting low danger)
Environmental hazards	hazardous to the aquatic environment
Special precautions for users	There is no additional information
Transport in bulk according to the IBC Code:	Annex II of MARPOL and The cargo is not intended to be carried in bulk.

(DOT)

Index number	3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
Particulars in the shipper's declaration	UN3082, Environmentally hazardous substance, liquid n.o.s., (Grapefruit Oil, Orange Terpenes, solution), 9, III
Class	9
Packing group	III
Danger label(s)	9, fish and tree



Environmental hazards	yes (hazardous to the aquatic environment)
Special provisions (SP)	8, 146, 173, 335, IB3, T4, TP1, TP29
ERG No	171

(IMDG)

UN number	3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
Particulars in the shipper's declaration	UN3082, Environmentally hazardous substance, liquid, n.o.s., (Grapefruit Oil, Orange Terpenes, solution), 9, III
Class	9
Marine pollutant	Yes (hazardous to the aquatic environment)

Packing group III
Danger label(s) 9, fish and tree



Special provisions (SP) 274, 335, 969
Excepted quantities (EQ) E1
Limited quantities (LQ) 5 L
EmS F-A, S-F
Stowage category A

IATA

UN number 3082
Proper shipping name Environmentally hazardous substance, liquid, n.o.s.
Particulars in the shipper's declaration UN3082, Environmentally hazardous substance, liquid, n.o.s., (Grapefruit Oil, Orange Terpenes, solution), 9, III
Class 9
Environmental hazards yes (hazardous to the aquatic environment)
Packing group III
Danger label(s) 9, fish and tree
Special provisions(SP) A97, A158, A197, 274
Excepted quantities(EQ) E1
Limited quantities(LQ) 30 kg

15. Regulatory Information

National regulations (United States)

Toxic Substance Control Act (TSCA) all ingredients are listed

SARA TITLE III (Superfund Amendment and Reauthorization Act)

- List of Extremely Hazardous Substances (40 CFR 355) (EPCRA Section 302 and 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (40 CFR 372) (EPCRA Section 313)

none of the ingredients are listed

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act)

- Section 102(A) Hazardous Substances (40 CFR 302.4)

none of the ingredients are listed

Clean Air Act

none of the ingredients are listed

California Environmental Protection Agency (Cal/EPA): Proposition 65

Chemicals known to the State to cause cancer or reproductive toxicity

none of the ingredients are listed

Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic Health	/	none
Flammability	2	temporary or minor injury may occur
	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Physical hazard	0	material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive
Personal protective equipment	-	

NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

Category	Degree of hazard	Description
Flammability	2	material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur
Health	2	material that, under emergency conditions, can cause temporary incapacitation or residual injury
Instability	0	material that is normally stable, even under fire conditions
Special Hazard.		

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

Issue date 1-30-2017

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