



Safety Data Sheet

1. Identification

Product identifier	Wiseair Orange Zest	
Recommended use	None	
Recommended restrictions	None Known	
Manufacturer Name	West Sanitation Services, Inc. Dba Aerowest International	
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 of the substance or mixture

GHS08

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Flam. Liq. 4 H227 Combustible liquid.

GHS label elements: The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms:



GHS07, GHS08

Signal word: Warning

Hazard-determining components of labeling:

Linalool

Orange Oil 5X

Citral

Hazard statements: Combustible liquid. Causes skin irritation. May cause an allergic skin reaction. Causes skin irritation. May be fatal if swallowed and enters airways.

Precautionary statements:

Keep away from flames and hot surfaces. – No smoking. Avoid breathing dust/fume/gas/mist/vapors/spray Wear protective gloves / eye protection / face protection. Wear protective gloves. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

Specific treatment

If skin irritation or rash occurs: Get medical advice/attention. Do NOT induce vomiting.

In case of fire: Use for extinction: CO₂, powder or water spray.

Take off contaminated clothing and wash it before reuse.

Store in a well-ventilated place. Keep cool. Dispose of contents/container in accordance with local/regional/national/international regulations.

If on skin: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

Store locked up.

Store in a well-ventilated place. Keep cool.

3. Composition /information on ingredients

Chemical characterization: Mixtures

Description Mixture of the substances listed below with nonhazardous additions.

Components

78-70-6	Linalool Skin Sens. 1, H317; Flam. Liq. 4, H227
8028-48-6	Orange Oil 5X Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1, H317
5392-40-5	Citral Skin Irrit. 2, H315; Skin Sens. 1, H317
2705-87-5	allyl 3-cyclohexylpropionate Acute Tox. 3, H301
134-20-3	methyl anthranilate Skin Irrit. 2, H315; Eye Irrit. 2A, H319
93-08-3	2'-acetonephthone Acute Tox. 4, H302

4. First-aid measures

Description of first aid measures

After inhalation: Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation

After skin contact: Immediately wash with water and soap and rinse thoroughly

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: If symptoms persist consult doctor.

Information for doctor:

Most important symptoms and effects, both acute and delayed: No further relevant information available.

Indication of any immediate medical attention & special treatment needed: No further relevant information available.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing agents:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture: No further relevant information available.

Advice for firefighters

Protective equipment: Mouth respiratory protective device.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Not required

Environmental precautions: Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation. Dispose contaminated material as waste according to item 13.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and storage:

Handling

Precautions for safe handling: Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

Information about protection against explosions and fires: No special measures required

Storage

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None

8. Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7

Components with limit values that require monitoring at the workplace:

5392-40-5 Citral

TLV Long-term value: 32* mg/m³, 5* ppm

Skin; DSEN; *inhalable fraction + vapor

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Avoid contact with the skin. Avoid contact with the eyes and skin.

Breathing equipment: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands

Protective Gloves: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling.

9. Physical and Chemical Properties

Form:	Liquid
Color:	Orange
Odor:	Characteristic
Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	194 °C (381 °F)
Flash point:	70 °C (158 °F)
Flammability (solid, gaseous):	Not applicable.

Ignition temperature:	255 °C (491 °F)
Decomposition temperature:	Not determined.
Auto igniting:	Product is not self igniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures is possible.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure at 20 °C (68 °F):	Not determined.
Density:	Not determined.
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	0.0 %
Solids content:	3.0 %
Other information	No further relevant information available

10. Stability and Reactivity

Reactivity

Chemical stability

Thermal decomposition No decomposition if used according to specifications.

Possibility of hazardous reactions No dangerous reactions known.

Conditions to avoid No further relevant information available.

Incompatible materials No further relevant information available.

Hazardous decomposition products No dangerous decomposition product known.

11. Toxicological Information

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

On the skin: Irritant to skin and mucous membranes

On the eye: No Irritating effect.

Sensitization: Sensitization possible through skin contact.

Additional toxicological information: The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

Carcinogenic categories

IARC (International Agency for Research on Cancer)

128-37-0 2,6-di-tert-butyl-p-cresol

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12. Ecological Information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Ecotoxicological effects: -

Remark: Toxic for fish

Additional ecological information:

General notes:

Water hazard class 2 (Self-assessment): Hazardous for water.

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies. Very toxic for aquatic organisms

.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

13. Disposal considerations

Waste treatment methods

Recommendation: Must not be disposed of together with household garbage.

Do not allow product to reach sewage system.

Uncleaned packagings

Recommendation: Disposal must be made according to official regulations.

14. Transport information

UN-Number	
DOT	not regulated
IMDG, IATA	UN1266
UN proper shipping name	
DOT	not regulated
IMDG, IATA	PERFUMERY PRODUCTS
Transport hazard class(es)	
DOT	
Class	not regulated
IMDG, IATA	
Class 3 Flammable liquids	
Label 3	
Packing group	
DOT,	not regulated
IMDG, IATA	III
Environmental hazards:	
Marine pollutant:	No
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
UN "Model Regulation":	-

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture, Sara

Section 355 (hazardous substances)	None of the ingredients is listed.
Section 313 (Specific toxic chemical listings):	None of the ingredients is listed
TSCA (Toxic Substances Control Act):	All ingredients are listed.

Proposition 65

Chemicals known to cause cancer:	None of the ingredients is listed.
Chemicals cause reproductive toxicity for (Fe)	None of the ingredients is listed.
Chemicals cause reproductive toxicity for (M)	None of the ingredients is listed.
Chemicals cause developmental toxicity	None of the ingredients is listed.

Carcinogenic categories

EPA (Environmental Protection Agency)	None of the ingredients is listed.
--	------------------------------------

TLV (Threshold Limit Value established by ACGIH)

128-37-0 2,6-di-tert-butyl-p-cresol

NIOSH-Ca

(National Institute for Occupational Safety and Health)

None of the ingredients is listed.

GHS label elements: The product is classified and labeled according to the Globally Harmonized System (GHS)

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Other Information

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.