

# SAFETY DATA SHEET



## Ozium® AIR SANITIZER SPRAY CITRUS

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11/20/2019	600000001313	Date of first issue: 11/20/2019

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### SECTION 1. IDENTIFICATION

Product name : AC OZIUM GEL4.5OZ CITRUS 24/4

Product code : 806386

#### Manufacturer or supplier's details

Company name of supplier : Niteo Products, LLC

Address : Dallas TX 75225

Email Address : EHS@niteoproducts.com

Telephone : 1-844-696-4836

Emergency telephone number : 1-800-424-9300 / 1-703-741-5970

#### Recommended use of the chemical and restrictions on use

Recommended use : AIR FRESHENER

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with 29 CFR 1910.1200

Skin sensitisation : Category 1

#### GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : May cause an allergic skin reaction.

Precautionary statements :

#### Prevention:

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
Contaminated work clothing should not be allowed out of the workplace.  
Wear protective gloves.

#### Response:

IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation or rash occurs: Get medical advice/ attention.  
Wash contaminated clothing before reuse.

#### Disposal:

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Dispose of contents/ container to an approved waste disposal plant.

### Other hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Limonene	138-86-3	$\geq 1 - < 5$
Citral	5392-40-5	$\geq 0.1 - < 1$
2,4-Dimethyl-3-cyclohexenecarboxaldehyde	68039-49-6	$\geq 0.1 - < 1$
Methylchloroisoithiazolinone	26172-55-4	$\geq 0.0015 - < 0.06$
Methylisoithiazolinone	2682-20-4	$\geq 0.002 - < 0.1$

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

## SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : If breathed in, move person into fresh air.  
If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : If on clothes, remove clothes.  
Remove contaminated clothing. If irritation develops, get medical attention.  
If on skin, rinse well with water.  
Wash contaminated clothing before re-use.  
If skin irritation persists, call a physician.
- In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.
- If swallowed : Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : May cause an allergic skin reaction.

## SECTION 5. FIREFIGHTING MEASURES

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| Suitable extinguishing media                  | : | Water spray<br>Carbon dioxide (CO <sub>2</sub> )   |
| Unsuitable extinguishing media                | : | High volume water jet  |
| Specific hazards during fire-fighting         | : | Do not allow run-off from fire fighting to enter drains or water courses.  |
| Hazardous combustion products                 | : | Carbon oxides  |
| Specific extinguishing methods                | : | Product is compatible with standard fire-fighting agents.  |
| Further information                           | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| Special protective equipment for firefighters | : | In the event of fire, wear self-contained breathing apparatus.   |
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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- |   |   |  |
|---|---|--|
| Personal precautions, protective equipment and emergency procedures | : | Use personal protective equipment.<br>Avoid breathing dust.<br>Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.   |
| Environmental precautions   | : | Prevent further leakage or spillage if safe to do so.<br>Prevent product from entering drains.<br>Do not flush into surface water or sanitary sewer system.<br>If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods and materials for containment and cleaning up               | : | Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).<br>Keep in suitable, closed containers for disposal.  |
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### SECTION 7. HANDLING AND STORAGE

- |   |   |  |
|---|---|--|
| Advice on protection against fire and explosion | : | Normal measures for preventive fire protection.  |
| Advice on safe handling                         | : | Do not breathe vapours/dust.<br>Do not smoke.<br>Avoid contact with skin and eyes.<br>Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.<br>Dispose of rinse water in accordance with local and national regulations.<br>Container hazardous when empty. |

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Smoking, eating and drinking should be prohibited in the application area.

For personal protection see section 8.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Further information on storage stability : No decomposition if stored and applied as directed.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Citral	5392-40-5	TWA (Inhalable fraction and vapor)	5 ppm	ACGIH

## Hazardous components without workplace control parameters

Components	CAS-No.
Limonene	138-86-3
2,4-Dimethyl-3-cyclohexenecarboxaldehyde	68039-49-6
Methylchloroisoithiazolinone	26172-55-4
Methylisothiazolinone	2682-20-4

Engineering measures : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

## Personal protective equipment

## Hand protection

Remarks : Wear resistant gloves (consult your safety equipment supplier). The suitability for a specific workplace should be discussed with the producers of the protective gloves. Discard gloves that show tears, pinholes, or signs of wear.

Eye protection : Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.  
Wear as appropriate:  
Impervious clothing  
Safety shoes

Hygiene measures : Handle in accordance with good industrial hygiene and safety

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practice.  
When using do not smoke.  
When using do not eat or drink.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: gel
Colour	: not determined
Odour	: pleasant
Odour Threshold	: not determined
pH	: not determined
Melting point/freezing point	: not determined
Boiling point/boiling range	: not determined
Flash point	: > 93.4 °C
Evaporation rate	: not determined
Flammability (solid, gas)	: No data available
Self-ignition	: not determined
Upper explosion limit / Upper flammability limit	: not determined
Lower explosion limit / Lower flammability limit	: not determined
Vapour pressure	: not determined
Relative vapour density	: not determined
Density	: not determined
Solubility(ies)	
Water solubility	: soluble
Partition coefficient: n-octanol/water	: not determined
Decomposition temperature	: not determined
Viscosity	
Viscosity, dynamic	: not determined
Viscosity, kinematic	: not determined
Molecular weight	: No data available
VOC % By Weight	: 1.87 %

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	No decomposition if stored and applied as directed. Hazardous polymerisation does not occur.
Conditions to avoid	:	No data available
Incompatible materials	:	Strong oxidizing agents
Hazardous decomposition products	:	Carbon oxides

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**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

Inhalation  
Eye contact  
Skin contact  
Ingestion

**Acute toxicity**

Not classified based on available information.

**Components:****Limonene:**

Acute oral toxicity	:	LD50 (Rat): 5,300 mg/kg
Acute dermal toxicity	:	LD50 (Rabbit): > 5,000 mg/kg

**Citral:**

Acute oral toxicity	:	LD50 (Rat): ca. 6,800 mg/kg
Acute dermal toxicity	:	LD50 (Rat): > 2,000 mg/kg

**2,4-Dimethyl-3-cyclohexenecarboxaldehyde:**

Acute oral toxicity	:	LD50 (Rat): > 5,000 mg/kg Remarks: Information given is based on data obtained from similar substances.
Acute dermal toxicity	:	LD50 (Rabbit): > 5,000 mg/kg Remarks: Information given is based on data obtained from similar substances.

**Methylchloroisothiazolinone:**

Acute oral toxicity	:	Assessment: The component/mixture is toxic after single ingestion.
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Acute inhalation toxicity : Assessment: The component/mixture is toxic after short term inhalation.

Acute dermal toxicity : Assessment: The component/mixture is moderately toxic after single contact with skin.

**Methylisothiazolinone:**

Acute oral toxicity : LD50 (Rat, female): 120 mg/kg

Acute inhalation toxicity : LC50 (Rat, male and female): 0.11 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit): 242 mg/kg  
Method: OECD Test Guideline 402

**Skin corrosion/irritation**

Not classified based on available information.

**Product:**

Remarks: May irritate skin.

**Components:****Limonene:**

Result: Irritating to skin.

**Citral:**

Assessment: Irritating to skin.  
Result: Irritating to skin.

**2,4-Dimethyl-3-cyclohexenecarboxaldehyde:**

Species: Rabbit  
Result: Irritating to skin.

**Methylchloroisothiazolinone:**

Result: Causes burns.

**Methylisothiazolinone:**

Species: Rabbit  
Method: OECD Test Guideline 404  
Result: Causes burns.

**Serious eye damage/eye irritation**

Not classified based on available information.

**Product:**

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

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**Components:****Limonene:**

Result: Irritating to eyes.

**Citral:**

Result: Possibly irritating to eyes

**2,4-Dimethyl-3-cyclohexenecarboxaldehyde:**

Species: Rabbit

Result: Irritating to eyes.

**Methylchloroisothiazolinone:**

Result: Irreversible effects on the eye

**Methylisothiazolinone:**

Result: Irreversible effects on the eye

**Respiratory or skin sensitisation****Skin sensitisation**

May cause an allergic skin reaction.

**Respiratory sensitisation**

Not classified based on available information.

**Product:**

Remarks: May cause allergic skin reaction.

**Components:****Limonene:**

Assessment: May cause sensitisation by skin contact.

**Citral:**

Assessment: May cause sensitisation by skin contact.

**2,4-Dimethyl-3-cyclohexenecarboxaldehyde:**

Assessment: May cause sensitisation by skin contact.

**Methylchloroisothiazolinone:**

Assessment: May cause sensitisation by skin contact.

**Methylisothiazolinone:**

Assessment: The product is a skin sensitiser, sub-category 1A.

Method: OECD Test Guideline 429

**Germ cell mutagenicity**

Not classified based on available information.



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### **Components:**

#### **Citral:**

Genotoxicity in vivo : Test Type: In vivo micronucleus test  
Species: Mouse  
Result: negative

#### **Carcinogenicity**

Not classified based on available information.

##### **IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

##### **OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

##### **NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

#### **Reproductive toxicity**

Not classified based on available information.

#### **STOT - single exposure**

Not classified based on available information.

### **Components:**

#### **Methylisothiazolinone:**

Exposure routes: Inhalation  
Target Organs: Respiratory Tract  
Assessment: May cause respiratory irritation.

#### **STOT - repeated exposure**

Not classified based on available information.

#### **Aspiration toxicity**

Not classified based on available information.

### **Components:**

#### **Limonene:**

May be fatal if swallowed and enters airways.

#### **Further information**

### **Product:**

Remarks: No data available

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## SECTION 12. ECOLOGICAL INFORMATION

#### **Toxicity**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

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Harmful to aquatic life with long lasting effects.

### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Waste from residues	:	Dispose of in accordance with all applicable local, state and federal regulations.
Contaminated packaging	:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

### SECTION 14. TRANSPORT INFORMATION

Dangerous goods descriptions (if indicated below) may not reflect quantity, end-use, or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

#### International Regulations

##### IATA-DGR

Not regulated as a dangerous good

##### IMDG-Code

Not regulated as a dangerous good

##### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

#### National Regulations

##### 49 CFR

Not regulated as a dangerous good

##### 49 CFR

Not regulated as a dangerous good

### SECTION 15. REGULATORY INFORMATION

#### EPCRA - Emergency Planning and Community Right-to-Know Act

##### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

##### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards	:	Respiratory or skin sensitisation
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SARA 313	:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
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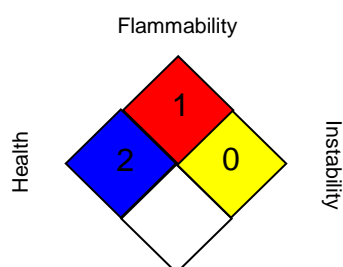
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### SECTION 16. OTHER INFORMATION

#### Further information

##### NFPA:



Special hazard.

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