



## Safety Data Sheet

### 1. Identification

|                                      |  |
|--------------------------------------|--|
| <b>Product identifier</b>            | Wiseair Myrlot 60                        |
| <b>Other means of identification</b> | None                                     |
| <b>Product Code</b>                  | None                                     |
| <b>Recommended use</b>               | Deodorizer                               |
| <b>Recommended restrictions</b>      | None known                               |
| <b>Manufacturer</b>                  | West Sanitation Services, Inc.           |
| <b>Address</b>                       | 2158 Beaumont Dr - Baton Rouge, LA 70806 |
| <b>Telephone</b>                     | General Assistance 225-302-5570          |
| <b>Emergency phone number</b>        | CHEMTREC: 800-424-9300                   |

### 2. Hazards identification

|                              |  |            |
|------------------------------|--|------------|
| <b>Physical hazards</b>      | Flammable liquids                                      | Category 3 |
| <b>Health hazards</b>        | Acute toxicity, oral                                   | Category 4 |
|                              | Acute toxicity, dermal                                 | Category 4 |
|                              | Serious corrosion/irritation                           | Category 1 |
|                              | Serious eye damage/eye irritation                      | Category 1 |
|                              | Sensitization, skin                                    | Category 1 |
| <b>Environmental hazards</b> | Hazardous to the aquatic environment, acute hazard     | Category 2 |
|                              | Hazardous to the aquatic environment, long-term hazard | Category 2 |
| <b>OSHA defined hazards</b>  | Not classified.  |            |

#### Label elements



**Signal word** Danger

#### Hazard statement

Flammable liquid and vapor. Harmful if swallowed. Harmful in contact with skin. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

## Precautionary statement

### Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. 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

55.09% of the mixture consists of component(s) of unknown acute oral toxicity.  
65.29% of information mixture consists of component(s) of unknown acute Dermal toxicity. 28.36% 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 | %      |
|------------------------------------|------------|--------|
| Ethyl 2,3-epoxy-3-phenylbutyrate   | 77-83-8    | 22.954 |
| METHYL ANTHRANILATE                | 134-20-3   | 18.962 |
| Undecan-4-olide                    | 104-67-6   | 14.97  |
| LINALOOL                           | 78-70-6    | 9.98   |
| .alpha.-Dimethylphenethyl butyrate | 10094-34-5 | 4.99   |
| 2-Ethyl-3-hydroxy-4-pyrone         | 4940-11-8  | 3.992  |
| BENZYL BENZOATE                    | 120-51-4   | 3.992  |
| ETHYL 2-METHYLBUTYRATE             | 7452-79-1  | 3.992  |
| ETHYL BUTYRATE                     | 105-54-4   | 3.992  |
| ETHYL ACETOACETATE                 | 141-97-9   | 1.996  |
| ETHYL ISOVALERATE                  | 108-64-5   | 1.996  |

|                         |           |       |
|-------------------------|-----------|-------|
| HEXYL ACETATE           | 142-92-7  | 1.996 |
| GERANIOL                | 106-24-1  | 1.397 |
| 3-Methylbutyl butyrate  | 106-27-4  | 1.297 |
| NEROL                   | 106-25-2  | 0.559 |
| Aceites, naranja, dulce | 8008-57-9 | 0.499 |

3-METHYL-4-(2,6,6-TRIM ETHYL-2-CYCLOHEXEN-1-YL)-3-BUTEN-2-ONE

Other components below reportable levels 2.337

\*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. 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. Call a physician poison control center immediately.

### Ingestion

Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

### Most important symptoms/effects, acute and delayed

Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

### Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

### General information

Take off all contaminated clothing immediately. 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 (CO<sub>2</sub>).

**Unsuitable extinguishing media**

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

**Specific hazards arising from the chemical**

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. 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**

Flammable liquid and vapor.

## 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). Take precautionary measures against static discharge. Use only non-sparking tools. 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. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. 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:**

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. Observe good industrial hygiene practices. Use care in handling/storage.

**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**

No exposure limits noted for ingredients

**Biological limit values**

No biological exposure limits noted for the ingredient(s)

**Appropriate engineering Controls**

Explosion-proof general and local exhaust ventilation. 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  | YELLOW TO YELLOW-GREEN |
| Odor CITRUS;                                 | Fruity                 |
| Odor threshold                               | Not available.         |
| pH   | Non-applicable.        |
| Melting point/freezing point                 | Not available.         |
| Initial boiling point and boiling range      | Not available.         |
| Flash point                                  | 137.0 °F (58.3 °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                             | 0.996 – 1.016 @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:** Peroxides. Phenols.

**Hazardous decomposition products:** No hazardous decomposition products are known.

## 11. Toxicological Information

### Information on likely routes of exposure

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | May cause irritation to the respiratory system.  |
| <b>Skin contact</b> | Causes severe skin burns. Harmful in contact with skin. May cause an allergic skin reaction. |
| <b>Eye contact</b>  | Causes serious eye damage.   |
| <b>Ingestion</b>    | Causes digestive tract burns. Harmful if swallowed.  |

### Symptoms related to the physical, chemical and toxicological characteristics

Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

### Information on toxicological effects

|                       |  |
|-----------------------|--|
| <b>Acute toxicity</b> | Harmful if swallowed. May cause an allergic skin reaction. |
|-----------------------|--|

| Components                            | Species    | Test Results  |
|---------------------------------------|------------|---------------|
| <b>BENZYL BENZOATE (CAS 120-51-4)</b> |            |               |
| Acute                                 |            |               |
| Dermal                                |            |               |
| LD50                                  | Rabbit     | 4000 mg/kg    |
|                                       | Rat        | 4000 mg/kg    |
| Oral                                  |            |               |
| LD50                                  | Cat        | 2240 mg/kg    |
|                                       | Dog        | > 22440 mg/kg |
|                                       | Guinea pig | 1121 mg/kg    |
|                                       | Mouse      | 1400 mg/kg    |
|                                       | Rabbit     | 1680 mg/kg    |

|                                      |        |              |
|--------------------------------------|--------|--------------|
|                                      | Rat    | 1700 mg/kg   |
| <b>ETHYL BUTYRATE (CAS 105-54-4)</b> |        |              |
| Acute                                |        |              |
| Oral                                 |        |              |
| LD50                                 | Rabbit | 5.2 g/kg     |
|                                      | Rat    | 13050 mg/kg  |
| <b>GERANIOL (CAS 106-24-1)</b>       |        |              |
| Acute                                |        |              |
| Dermal                               |        |              |
| LD50                                 | Rabbit | > 5000 mg/kg |
| Oral                                 |        |              |
| LD50                                 | Rat    | 3600 mg/kg   |
| <b>LINALOOL (CAS 78-70-6)</b>        |        |              |
| Acute                                |        |              |
| Dermal                               |        |              |
| LD50                                 | Rabbit | 2000 mg/kg   |
|                                      | Rat    | 5610 mg/kg   |
| Oral                                 |        |              |
| LD50                                 | Mouse  | 3000 mg/kg   |

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

|   |  |
|---|--|
| <b>Skin corrosion/irritation</b>                                      | Causes skin burns and eye damage.  |
| <b>Serious eye damage/eye</b>   | Causes serious eye irritation.   |
| <b>Respiratory or skin sensitization</b>                              |  |
| <b>Respiratory sensitization</b>                                      | Not a respiratory sensitizer.  |
| <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.                                  |
| <b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b> |  |
| Not listed.   |  |
| <b>Reproductive toxicity</b>  | This product is not expected to cause reproductive.  |
| <b>Specific target organ toxicity single exposure</b>                 | Not classified.  |
| <b>Specific target organ toxicity</b>                                 | Not classified.  |
| <b>Aspiration hazard</b>  | Not an aspiration hazard.  |

## 12. Ecological Information

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

| Components                     | Species                             | Test Results     |
|--------------------------------|-------------------------------------|------------------|
| <b>GERANIOL (CAS 106-24-1)</b> |                                     |                  |
| <b>Aquatic</b>                 |                                     |                  |
| Fish                           | Brown trout ( <i>Salmo trutta</i> ) | 2.3 - 3 mg/l, 96 |
| LC50                           |                                     |                  |



**HEXYL ACETATE ( CAS 142-92-7)**

Fish LC50 Fathead minnow 3.7 – 4.4mg/l, 96

**METHYL ANTHRANILATE( CAS 134-20-3)**

Fish LC50 Bluegill 7.98– 10.51mg/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)

BENZYL BENZOATE 3.97

ETHYL ACETOACETATE 0.25

ETHYL BUTYRATE 1.73

LINALOOL 2.97

**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****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 -    | No  |
|                   | 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**

ETHYL ACETOACETATE (CAS 141-97-9)

ETHYL BUTYRATE (CAS 105-54-4)

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

ETHYL ACETOACETATE (CAS 141-97-9)

ETHYL BUTYRATE (CAS 105-54-4)

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

ETHYL ACETOACETATE (CAS 141-97-9)

ETHYL BUTYRATE (CAS 105-54-4)

**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)* |
|----------------------|--|--------------|-----------|
| <b>Australia</b>     | Australian Inventory of Chemical Substances (AICS)                     |              | Yes       |
| <b>Canada</b>        | Domestic Substances List (DSL)   |              | Yes       |
| <b>Canada</b>        | Non-Domestic Substances List (NDSL)                                    |              | No        |
| <b>China</b>         | Inventory of Existing Chemical Substances in China (IECSC)             |              | Yes       |
| <b>Europe</b>        | European Inventory of Existing Commercial Chemical Substances (EINECS) |              | No        |
| <b>Europe</b>        | European List of Notified Chemical Substances (ELINCS)                 |              | No        |
| <b>Japan</b>         | Inventory of Existing & New Chemical Substances (ENCS)                 |              | No        |
| <b>Korea</b>         | Existing Chemicals List (ECL)  |              | No        |
| <b>New Zealand</b>   | New Zealand Inventory  |              | Yes       |
| <b>Philippines</b>   | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      |              | Yes       |
| <b>United States</b> | 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** 07-15-2015

**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.