## SECTION 1 - IDENTIFICATION

**Product identifier/Trade name:** SAFEBLEND ODOUR COUNTERACTANT JASMINE TEA, RTU

**Other means of identification:** ORJT

**Recommended use:** Deodorizer and odour neutralizer, RTU.

**Restriction on use:** For industrial, institutional and food plants use only.

**Initial supplier identifier:** Chemotec (PM) Inc.
8820 Place Ray-Lawson
Anjou, Quebec, Canada H1J 1Z2
Phone: (514) 729-6321; 1-800-729-6321

**Emergency phone number:** 1-800-729-6321
(Available from 8:00am to 4:30pm Monday to Friday)

## SECTION 2 - HAZARDS IDENTIFICATION

**2a GHS (Globally Harmonized System) classification**
This product is classified as a Combustible liquid, category 4.

**2b Label elements**

**Pictogram:**

**Signal word:** Warning.

**Precautionary statement**
Keep away from flames and hot surfaces. No smoking. In case of fire, use as extinguisher carbon dioxide, dry chemical media, or alcohol resistant foam. If only water is available, use it in the form of a fog. Wear protective gloves and eye protection.

Keep in closed containers in a well-ventilated place. Dispose of material and container in accordance with local, provincial, and federal regulations.

**Hazard statements**
Combustible liquid.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredients | CAS # | % (weight) | GHS CLASSIFICATION |
|---|---|---|---|
| Propane-1,2-diol | 57-55-6 | 1 - 5 | Not a hazardous substance or mixture. |
| Alcohol Ethoxylated (Mix) | N/A | 1 - 5 | Serious eye damage/eye irritation Category 2 |
| propan-2-ol | 67-63-0 | 1 - 5 | Flammable liquids: Category 2<br>Eye irritation: Category 2A |

| | | | |
|---|---|---|---|
| | | | Specific target organ toxicity - single exposure: Category 3 (Central nervous system) |
| Lauryl methacrylate | 142-90-5 | 0 - 1 | Skin irritation (Category 2),<br>Eye irritation (Category 2A),<br>Specific target organ toxicity - single exposure (Category 3), Respiratory system, Short-term (acute) aquatic hazard (Category 1),<br>Long-term (chronic) aquatic hazard (Category 1), |

The actual concentrations are withheld as a trade secret.

## SECTION 4 - FIRST AID MEASURES

**4a Description of first aid measures**
**Eye contact:**
Immediately rinse with plenty of water keeping eyelids open. If irritation persists, seek medical attention.

**Skin contact:**
Rinse with water. If irritation develops, consult medical personnel.

**Inhalation:**
Bring people to fresh air. If irritation persists, get medical advice.

**Ingestion:**
Rinse mouth. Never give anything by mouth if the person is unconscious. Do not induce vomiting. Seek medical attention if unwell.

**4b Most important symptoms and effects**

| | |
|---|---|
| ***Eye:*** | May cause irritation, redness, tears, burning sensation. |
| ***Skin:*** | May cause irritation. |
| ***Inhalation:*** | Irritation is not very likely. |
| ***Ingestion:*** | May be harmful. |

**4c Immediate medical attention and special treatment needed:**
Provide a symptomatic treatment. In case of intoxication, contact an anti-poison center if large quantities have been ingested or inhaled.

## SECTION 5 - FIRE FIGHTING MEASURES

**5a Extinguishing media**
Suitable extinguishing media:
Alcohol resistant foam. Use carbon dioxide or dry chemical media for small fires. If only water is available, use it in the form of a fog.
Unsuitable extinguishing media:
This material may produce a floating fire hazard in extreme fire conditions. Do not use high volume water jet.

**Specific hazards for product**
Hazardous combustion products:
Oxides of carbon and other irritating gases.

**Special protective equipment and precautions for firefighters**
Special fire-fighting procedures/equipment:

During a fire, irritating smoke and fumes may be generated. A self-contained breathing apparatus is required for fire-fighting personnel to protect themselves from irritating products produced during the combustion. Move containers

from fire area if it can be done without risk. A stream of water directed into the product generates a lot of foam. Use water spray to cool fire-exposed containers or structures. Use water spray to disperse vapours; reignition is possible. Isolate materials that are not involved in the fire and protect personnel. Cool containers with flooding quantities of water until well after the fire is out.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**6a Personal precautions, protective equipment, and emergency procedures**
Personal protection:

Avoid contact with eyes and skin. Avoid breathing vapors. Use adequate aeration and ventilation. Wear safety glasses and in case of possible contact, rubber gloves. The floor will be slippery in case of a spill.

**6b Methods and materials for containment and cleaning:**
Remove any possible source of ignition. Stop the leak. For large spills, pump the product into drums or clean up spills using absorbent material. Resume cleaning by rinsing with water. Caution: floors will be slippery.

**6c Environmental precautions:**
Do not let large quantities go to the sewers.

## SECTION 7 - HANDLING AND STORAGE

**7a Precautions for Safe handling:**
Avoid contact with eyes and skin. Avoid breathing vapours. In case of possible contact, wear gloves, safety glasses.

**7b Condition for safe storage:**
Store in a sealed container in a well-ventilated place. Do not store food products. Keep from freezing.

**7c Special packaging materials:** none.
Avoid contact with strong oxidizers.

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

**8a Control parameters**

| | Ontario Time-weighted Average Limit (TWA) | Ontario Short-Term Exposure Limit (STEL) | Notations |
|---|---|---|---|
| Propane-1,2-diol | 10 mg/m$^3$ | | N/A |
| Alcohol Ethoxylated (Mix) | N/A | | N/A |
| propan-2-ol | 400 ppm | 500 ppm | N/A |
| Lauryl methacrylate | N/A | N/A | N/A |

**8b Engineering controls:**
None required for normal applications.

**8c Individual protection measures**
Respiratory Protection:
Not required under normal applications.

Skin protection and other protective equipment:
Rubber gloves if contact is possible.

Eye / face protection:
Safety glasses

General hygiene considerations:
**KEEP OUT OF REACH OF CHILDREN.** Avoid contact with eyes and skin. Avoid breathing vapours. Never eat, drink, or smoke in work areas. Good hygiene is recommended after use of this product.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **Physical state** | Clear liquid. |
| **Colour** | Colorless |
| **Odour** | Jasmine tea scent |
| **Melting point and freezing point** | Approximately -2 °C |
| **Boiling point:** | Approximately 76-100 °C |
| **Flammability** | N/A |
| **Lower and upper flammability limit** | N/A |
| **Flash point** | Greater than 60°C |
| **Auto-ignition temperature** | N/A |
| **Decomposition temperature** | N/A |
| **pH** | 6-8 |
| **Viscosity:** | <10 cps @ 25 °C |
| **Solubility in water:** | Miscible |
| **Partition coefficient – n-octanol/water** | N/A |
| **Vapour pressure (mm Hg)** | 6 kPa for the most volatile ingredient |
| **Specific gravity or density (water = 1 at 4 °C):** | 1.0 g/cm$^3$@ 20 °C |
| **Relative vapour density** | 2.1 for the most volatile ingredient |
| **Particle characteristics** | N/A |

## SECTION 10 - STABILITY AND REACTIVITY

**10a Reactivity:**
Not applicable when used as directed.

**10b Chemical stability:**
Stable at room temperature, in normal handling and storage conditions.

**10c Possibility of hazardous reactions:**
No polymerisation

**10d Conditions to avoid:**
Eliminate all sources of ignition (open flames, sparks, cigarettes, etc.). Avoid accumulation of vapours in low-lying areas or in confined spaces.

**10e Incompatible materials**
Strong oxidizers.

**10f Hazardous decomposition products:**
With oxidizers: oxides of carbon and other toxic or irritant gases. Possibility of a fire.

## SECTION 11 - TOXICOLOGICAL INFORMATION

**Acute toxicity**

***Eye:*** Causes irritation, redness, tears, burning sensation.
***Skin:*** May cause irritation.
***Inhalation:*** Deliberate breathing of vapours from product may cause irritation of respiratory tract.
***Ingestion:*** Harmful.

**Carcinogenicity:** No ingredient listed by IARC as a possible carcinogen.
**Teratogenicity, mutagenicity, other reproductive effects:** Not available
**Skin sensitization:** No ingredients at or above 0.1% in product is a skin sensitizer.
**Respiratory tract sensitization:** Not available
**Synergistic materials:** Not available
**Other important hazards:** Not available

**Toxicological data:** The calculated $LD_{50}$ for this product is greater than 19,000 mg/Kg, oral, rat; our products are not tested on animals.

| Ingredient | $LD_{50}$ (route, species) | $LC_{50}$ # hours (species) |
|---|---|---|
| Propane-1,2-diol | > 20000 mg/kg (oral, rat)<br>>2000 mg/kg (dermal, rabbit) | 317.042 mg/l 2H, (Aerosol, rabbit) |
| Alcohol Ethoxylated (Mix) | > 2000 mg/kg (oral, rat)<br>>2000 mg/kg (dermal, guinea pig) | Not available |
| propan-2-ol | 4710 mg/kg (oral, rat) | Not available |
| Lauryl methacrylate | Not available | Not available |

**For more details, refer to Section 3.**

## SECTION 12 - ECOLOGICAL INFORMATION

**12a Ecotoxicity:**

| TOXICITY (Fish) | Results | Exposure time | Method |
|---|---|---|---|
| Propane-1,2-diol | Rainbow trout 40.613 mg/L | 96H | Not available |
| Alcohol Ethoxylated (Mix) | Not available | Not available | Not available |
| propan-2-ol | Pimephales promeleas 9640 mg/L | 96H | Not available |
| Lauryl methacrylate | Not available | Not available | Not available |

| TOXICITY (Daphnia) | Results | Exposure time | Method |
|---|---|---|---|
| Propane-1,2-diol | Ceriodaphnia Dubia (water flea): 18,340 mg/l | 48H | Not available |
| Alcohol Ethoxylated (Mix) | Not available | Not available | Not available |
| propan-2-ol | EC50 > 10000 mg/L | 24H | |
| Lauryl methacrylate | Not available | Not available | Not available |

| TOXICITY (Algae) | Results | Exposure time | Method |
|---|---|---|---|
| Propane-1,2-diol | 19,000 mg/l | 96H | Not available |
| Alcohol Ethoxylated (Mix) | Not available | Not available | Not available |
| propan-2-ol | Scenedesmus quadricuada, toxicity threshold 1800 mg/L | 72H | Not available |
| Lauryl methacrylate | Not available | Not available | Not available |

**12b Persistence and degradability:** Readily biodegradable

**12c Bioaccumulation potential:** Very low.

**12d Mobility in soil:** There is no test data on this product.

**12e Other adverse effect** No applicable information found

## SECTION 13 - DISPOSAL CONSIDERATIONS

Eliminate according to federal, provincial, and local regulations.

## SECTION 14 - TRANSPORTATION INFORMATION

**Transportation of Dangerous Goods (TDG) in Canada:** Not regulated

| | |
|---|---|
| UN number | Not applicable |
| Proper shipping name: | Not applicable |
| Class: | Not applicable |
| Identification number: | Not applicable |
| Packing group: | Not applicable |
| Special case: | Not applicable |

## SECTION 15 - REGULATORY INFORMATION

**In Canada**
**WHMIS information:**

**WHMIS Classification:** See section 2a.

**CEPA information:** Ingredients are listed on the DSL inventory.

## SECTION 16 - OTHER INFORMATION

**Date of latest revision:** 2025-01-16

**References:**

1. Manufacturer'/suppliers' MSDS.
2. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2006.
3. International Agency for Research on Cancer Monographs searched 2006.
4. The European Chemicals Agency (ECHA) website.

**Abbreviations:**

| | |
|---|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CEPA | Canadian Environmental Protection Act |
| cps | Centipoises |
| DSL | Domestic Substance List |
| HMIS | Hazardous Material Information System |
| IARC | International Agency for Research on Cancer |

| | |
|---|---|
| LC | Lethal concentration |
| LD | Lethal Dosage |
| N/Av | Not available |
| N/Ap | Not Applicable |
| NFPA | National Fire Protection Association |
| NIOSH | National Institute for Occupational Safety and Health |
| NTP | National Toxicology Program (U.S.A.) |
| OSHA | Occupational Safety and Health Administration (U.S.A.) |
| PEL | Permissible Exposure Limit |
| TLV | Threshold Limit Value |
| WHMIS | Workplace Hazardous Materials Information System |

End of the MSDS