

# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>Product identifier</b>	<b>PURODOR À LA MANGUE</b>
<b>Other means of identification</b>	Not available
<b>Recommended use</b>	Antibacterial air Deodorizer
<b>Recommended restrictions</b>	None known.
<b>Manufacturer</b>	Unica Canada inc. 90, J.A. Bombardier Boucherville, (Québec), J4B 8N4 Phone: (450) 655-8168 Emergency Phone only, 24 hours: (613) 996-6666 (CANUTEC)

## 2. Hazards Identification

<b>Physical hazards</b>	Flammable liquids	Category 3
<b>Health hazards</b>	Eye damage/irritation	Category 2B
	Skin corrosion/irritation	Category 2
	Specific target organ toxicity, single exposure	Category 3

**Environmental hazards** Not classified.

**OSHA defined hazards** Not classified.

**Label elements**



**Signal word**

**Danger**

**Hazard statement**

Flammable liquid and vapor.  
Causes skin irritation.  
Causes eye irritation.  
May cause respiratory irritation.  
May cause drowsiness or dizziness

**Precautionary statement**

**Prevention**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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. Avoid breathing mist or vapor. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/eye protection/face protection.

**Response**

**IF ON SKIN:** Wash with plenty of water. **IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. **IF ON EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Call a POISON CENTER or a doctor if you feel unwell. Specific treatment (see on this label). If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use appropriate media to extinguish.

**Storage**

Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place.

**Disposal**

Keep cool. Store locked up.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

## 3. Composition/Information on Ingredients

**Mixture**

<b>Chemical name</b>	<b>Common name and synonyms</b>	<b>CAS number</b>	<b>%</b>
Ethyl alcohol		64-17-5	15 - 40

---

## 4. First Aid Measures

---

<b>Inhalation</b>	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see product label). Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
<b>Skin contact</b>	
<b>Eye contact</b>	
<b>Ingestion</b>	If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. Direct contact with eyes may cause temporary irritation. Skin irritation. May cause redness and pain.
<b>Most important symptoms/effects, acute and delayed</b>	Not available
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. 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 under observation. Symptoms may be delayed. Treat patient symptomatically.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse. Keep away from sources of ignition. No smoking. Avoid contact with eyes and skin. Wear suitable protective clothing. Keep out of reach of children.

---

## 5. Fire Fighting Measures

---

<b>Suitable extinguishing media</b>	Carbon dioxide (CO <sub>2</sub> ). Alcohol resistant foam. Dry chemical.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	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. Firefighters should wear a self-contained breathing apparatus.
<b>Special protective equipment and precautions for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment/instructions</b>	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Flammable liquid and vapor.
<b>Hazardous combustion products</b>	May include and are not limited to: Carbon oxide
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	Not available.
<b>Sensitivity to static discharge</b>	Not available.

---

## 6. Accidental Release Measures

---

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Keep out of low areas. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of vapors or mists. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Clean surface thoroughly to remove residual contamination. Pick up and discard. Prevent entry into waterways, sewers, basements or confined areas. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

---

## 7. Handling and Storage

---

<b>Precautions for safe handling</b>	Vapors may form explosive mixtures with air. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not smoke. Avoid contact with eyes, skin and clothing. Avoid breathing mist or vapor. Wear appropriate personal protective equipment. When using do not eat or drink. Wash thoroughly after handling. Use good industrial hygiene practices in handling this material. Avoid prolonged or repeated skin contact with this material. Keep container tightly closed.
--------------------------------------	--

**Conditions for safe storage, including any incompatibilities**

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a closed container away from incompatible materials.  
Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Store in cool place. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS). Keep in an area equipped with sprinklers. Keep out of reach of children.  
Do not store at temperatures above 120°F (49°C).

---

## 8. Exposure Controls/Personal Protection

---

**Occupational exposure limits**

**US. ACGIH Threshold Limit Values**

Components	Type	Value
------------	------	-------

**US. AIHA Workplace Environmental Exposure Level (WEEL) Guides**

Components	Type	Value
Ethyl alcohol	REL (Inhalation)	1000 ppm ( NIOSH)

**Biological limit values**

**Exposure guidelines** No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls** Chemicals listed in section 3 that are not listed here do not have established limit values for ACGIH or OSHA PEL.  
Not available.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields.

**Skin protection**

**Hand protection** Chemical resistant gloves. Confirm with a reputable supplier first.

**Other** Wear appropriate chemical resistant clothing. As required by employer code.

**Respiratory protection** Not normally required. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

**Thermal hazards** Not applicable.

**General hygiene considerations** When using, do not eat, drink or smoke. 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

---

<b>Appearance</b>	Liquid
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Clear to yellow
<b>Odor</b>	Mango
<b>Odor threshold</b>	Not available.
<b>pH</b>	6.0 – 6.5
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Pour point</b>	Not available.
<b>Specific gravity</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Flash point</b>	30 °C
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.

Vapor pressure	Not available.
Vapor density	Not available.
Relative density	0.93 – 0.94
Solubility(ies)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

---

## 10. Stability and Reactivity

---

<b>Reactivity</b>	This product may react with oxidizing agents.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Do not mix with other chemicals.
<b>Incompatible materials</b>	Acids. Oxidizers.
<b>Hazardous decomposition products</b>	May include and are not limited to: Carbon oxide

---

## 11. Toxicological Information

---

<b>Routes of exposure</b>	Eye, Skin contact, Inhalation, Ingestion.
<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	May be lightly irritant.
<b>Inhalation</b>	May be lightly irritant.
<b>Skin contact</b>	Causes light skin irritation.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Symptoms related to the toxicological characteristics</b>	Not available
<b>Information on toxicological effects</b>	
<b>Acute toxicity</b>	This product is not classified as an acute toxicity hazard.

Components	Species	Test Results
Ethyl alcohol		
<b>Acute</b>		
Dermal LD50	Rabbit	20000 mg/kg
Inhalation LC50	Rat	31623 (4 Hours)
Oral	Rat	7060 mg/kg

<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Exposure minutes</b>	Not available.
<b>Erythema value</b>	Not available.
<b>Oedema value</b>	Not available.
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.
<b>Corneal opacity value</b>	Not available.
<b>Iris lesion value</b>	Not available.
<b>Conjunctival reddening value</b>	Not available.
<b>Conjunctival oedema value</b>	Not available.
<b>Recover days</b>	Not available.

**Respiratory or skin sensitization****Respiratory sensitization** Not available.**Skin sensitization** May be cause lightly skin irritation.**Germ cell mutagenicity** Non-hazardous by WHMIS/OSHA criteria.**Mutagenicity** Non-hazardous by WHMIS/OSHA criteria.**Carcinogenicity** Ingredients not listed below are not classified or listed by IARC, NTP, OSHA and ACGIH.**Reproductive toxicity** Non-hazardous by WHMIS/OSHA criteria.**Teratogenicity** Non-hazardous by WHMIS/OSHA criteria.**Specific target organ toxicity - single exposure** Not classified.

---

**12. Ecological Information**

---

**Ecotoxicity** See below**Components**

Ethyl alcohol

**Species**

Fish (Rainbow trout) LC50 (96 hours)

Algae growth inhibition (96 hours)

**Test Results**

&gt; 10000 mg/l

1000 mg/l

**Persistence and degradability** No data available**Bioaccumulative potential** Nothing**Mobility in soil** No data available.**Mobility in general** No 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

---

<b>Disposal instructions</b>	Review federal, state/provincial, and local government requirements prior to disposal. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. 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.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	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).
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

---

### 14. Transport Information

---

#### U.S. Department of Transportation (DOT)

Not regulated as dangerous goods.

#### Transportation of Dangerous Goods (TDG - Canada)

##### Basic shipping requirements:

<b>UN number</b>	UN1987
<b>Proper shipping name</b>	ALCOOLS, N.O.S. (Ethyl alcohol)
<b>Hazard class</b>	3
<b>Packing group</b>	III
<b>Special provisions</b>	
<b>Packaging exceptions :</b>	5 Liters or less : Limited Quantity.



---

### 15. Regulatory Information

---

#### Canadian federal regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

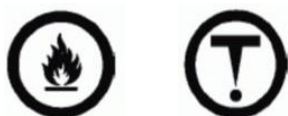
#### WHMIS status

Controlled

#### WHMIS classification

Class B - Division 2 - Flammable Liquid, Class D - Division 2B

#### WHMIS labeling



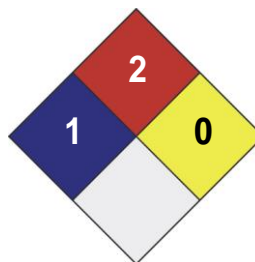
---

## 16. Other Information

---

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	1
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B



### Disclaimer

The data contained in this material safety data sheet was obtained from sources that were technically accurate, reliable, and state of the art when this document was prepared. If data was unavailable to complete certain sections, the absence of that data is identified in this document. Because the supplier cannot know the exact circumstances during actual use of this product, other hazards, exposure scenarios, disposal considerations, and regulations may apply and it is the responsibility of the user to read and understand the product label and this document before use. Do not use the product for purposes other than those stated in Section 1.

### Issue date

August 22, 2018

### Effective date

August 22, 2018

Version 1.0

### Further information

For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

### Prepared by

Unica Canada inc. Phone: (450) 655-8168

### Other information

This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).