

# Material Safety Data Sheet



GOLD LABEL MIST

## Section 1. Chemical product and company identification

Trade name : GOLD LABEL MIST  
Product use : Air Freshener  
Supplier : Ecolab Co.  
5105 Tomken Road  
Mississauga ON L4W 2X5  
1-800-352-5326  
Code : 975508  
Date of issue : 30-September-2009

EMERGENCY HEALTH INFORMATION: 1-800-328-0026  
Outside United States and Canada CALL 1-651-222-5352 (in USA)

## Section 2. Hazards identification

Physical state : Liquid. [Aerosol.]  
Emergency overview : CAUTION !

MAY CAUSE EYE IRRITATION.  
CONTENTS UNDER PRESSURE.  
Intentional misuse by deliberate inhalation may be harmful or fatal.  
Avoid contact with eyes. Avoid all possible sources of ignition (spark or flame). Keep away from heat and direct sunlight. Do not puncture, incinerate or store the container at temperatures above 49°C (120°F) or in direct sunlight. Wash thoroughly after handling.

Routes of entry : Skin contact, Eye contact, Inhalation, Ingestion

### Potential acute health effects

Eyes : Moderately irritating to eyes.  
Skin : Slightly irritating to the skin.  
Inhalation : Slightly irritating to the respiratory system. High vapour concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.  
Ingestion : No known significant effects or critical hazards.

See toxicological information (section 11)

## Section 3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
BUTANE	106-97-8	10 - 30
ISOPROPYL ALCOHOL	67-63-0	3 - 7
PROPANE	74-98-6	1 - 5

## Section 4. First-aid measures

Eye contact : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and flush again. Get medical attention if irritation persists.

Skin contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation persists. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation : If inhaled, remove to fresh air.

Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation persists, get medical attention.

## Section 5. Fire-fighting measures

<b>Auto-ignition temperature</b>	: Not available.
<b>Flash point</b>	: > 100°C
<b>Flammable limits</b>	: Not available.
<b>Hazardous thermal decomposition products</b>	: Decomposition products may include the following materials: carbon dioxide carbon monoxide
<b>Fire-fighting media and instructions</b>	: Use an extinguishing agent suitable for the surrounding fire.  Use water spray to keep fire-exposed containers cool. Containers may explode when heated. Ruptured cylinders may rocket. Dyke area of fire to prevent runoff. In a fire or if heated, a pressure increase will occur and the container may burst. Bursting aerosol containers may be propelled from a fire at high speed.
<b>Special protective equipment for fire-fighters</b>	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Risk of explosion of the product in the presence of mechanical impact: Not available.

Risk of explosion of the product in the presence of static discharge: Not available.

## Section 6. Accidental release measures

<b>Personal precautions</b>	: Use suitable protective equipment (section 8). Do not allow to enter drains or watercourses.
<b>Environmental precautions</b>	: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
<b>Methods for cleaning up</b>	: Absorb with an inert material and place in an appropriate waste disposal container.

## Section 7. Handling and storage

<b>Handling</b>	: Avoid contact with eyes. Avoid breathing vapours, spray or mists. Liquid and vapor under pressure. Do not puncture or incinerate container. Wash thoroughly after handling.
<b>Storage</b>	: Keep out of reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed. Do not puncture or incinerate container. Do not store above the following temperature: 50°C

## Section 8. Exposure controls/personal protection

<b>Engineering measures</b>	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
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### Personal protection :

<b>Eyes</b>	: Eye protection recommended.
<b>Hands</b>	: No protective equipment is needed under normal use conditions.
<b>Skin</b>	: No protective equipment is needed under normal use conditions.
<b>Respiratory</b>	: No protective equipment is needed under normal use conditions.

### Name

BUTANE

### Exposure limits

**CA Alberta Provincial (Canada, 6/2008).**

8 hrs OEL: 1900 mg/m<sup>3</sup> 8 hour(s).

8 hrs OEL: 800 ppm 8 hour(s).

**CA British Columbia Provincial (Canada, 6/2008).**

STEL: 750 ppm 15 minute(s).

TWA: 600 ppm 8 hour(s).

**CA Ontario Provincial (Canada, 6/2008).**

TWAEV: 1900 mg/m<sup>3</sup> 8 hour(s).

TWAEV: 800 ppm 8 hour(s).

**CA Quebec Provincial (Canada, 6/2008).**

TWAEV: 1900 mg/m<sup>3</sup> 8 hour(s).

TWAEV: 800 ppm 8 hour(s).

**ACGIH TLV (United States, 1/2009).**

TWA: 1000 ppm 8 hour(s).

ISOPROPYL ALCOHOL

**CA Alberta Provincial (Canada, 6/2008).**

15 min OEL: 1230 mg/m<sup>3</sup> 15 minute(s).

15 min OEL: 500 ppm 15 minute(s).

8 hrs OEL: 983 mg/m<sup>3</sup> 8 hour(s).

8 hrs OEL: 400 ppm 8 hour(s).

**CA British Columbia Provincial (Canada, 6/2008).**

STEL: 400 ppm 15 minute(s).

TWA: 200 ppm 8 hour(s).

**CA Ontario Provincial (Canada, 6/2008).**

STEV: 400 ppm 15 minute(s).

TWAEV: 200 ppm 8 hour(s).

**CA Quebec Provincial (Canada, 6/2008).**

STEV: 1230 mg/m<sup>3</sup> 15 minute(s).

STEV: 500 ppm 15 minute(s).

TWAEV: 983 mg/m<sup>3</sup> 8 hour(s).

TWAEV: 400 ppm 8 hour(s).

**ACGIH TLV (United States, 1/2009).**

STEL: 400 ppm 15 minute(s).

TWA: 200 ppm 8 hour(s).

PROPANE

**CA Alberta Provincial (Canada, 6/2008).**

15 min OEL: 2700 mg/m<sup>3</sup> 15 minute(s).

15 min OEL: 1500 ppm 15 minute(s).

8 hrs OEL: 1800 mg/m<sup>3</sup> 8 hour(s).

8 hrs OEL: 1000 ppm 8 hour(s).

**CA British Columbia Provincial (Canada, 6/2008).**

TWA: 1000 ppm 8 hour(s).

**CA Ontario Provincial (Canada, 6/2008).**

TWAEV: 1000 ppm 8 hour(s).

**CA Quebec Provincial (Canada, 6/2008).**

TWAEV: 1800 mg/m<sup>3</sup> 8 hour(s).

TWAEV: 1000 ppm 8 hour(s).

**ACGIH TLV (United States, 1/2009).**

TWA: 1000 ppm 8 hour(s).

## Section 9. Physical and chemical properties

Physical state	: Liquid. [Aerosol.]
Colour	: Clear.
Odour	: Fragrance-like.
pH	: Not applicable.
Boiling/condensation point	: Not available.
Melting/freezing point	: Not available.
Relative density	: 0.94 to 1.04
Vapour pressure	: Not available.
Vapour density	: Not available.
Odour threshold	: Not available.

Evaporation rate : Not available.

LogK<sub>ow</sub> : Not available.

## Section 10. Stability and reactivity

- Stability** : The product is stable. Under normal conditions of storage and use, hazardous polymerisation will not occur.
- Conditions of instability** : Not available.
- Reactivity** : Reactive or incompatible with the following materials: acids.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- Hazardous polymerisation** : Under normal conditions of storage and use, hazardous polymerisation will not occur.

## Section 11. Toxicological information

### Potential acute health effects

- Eyes** : Moderately irritating to eyes.
- Skin** : Slightly irritating to the skin.
- Inhalation** : Slightly irritating to the respiratory system. High vapour concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.
- Ingestion** : No known significant effects or critical hazards.

### Potential chronic health effects

- Carcinogenic effects** : No known significant effects or critical hazards.
- Mutagenic effects** : No known significant effects or critical hazards.
- Teratogenic effects** : No known significant effects or critical hazards.
- Reproductive effects** : No known significant effects or critical hazards.
- Sensitization to Product** : No known significant effects or critical hazards.
- Synergistic products (toxicologically)** : Not available.

### Toxicity data

<u>Ingredient name</u>	<u>Test</u>	<u>Route</u>	<u>Result</u>	<u>Species</u>
propan-2-ol	LD50	Oral	5000 mg/kg	Rat
	LC50	Inhalation	16000 ppm	Rat
butane	LC50	Inhalation	658 g/m3	Rat

**Target organs** : Contains material which may cause damage to the following organs: the nervous system, upper respiratory tract, central nervous system (CNS).

## Section 12. Ecological information

### Ecotoxicity

<u>Ingredient name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
propan-2-ol	Fish	48 hours	Acute EC50 10000 mg/L
	Fish	96 hours	Acute LC50 10400 mg/L
	Fish	96 hours	Acute LC50 11130 mg/L
	Fish	96 hours	Acute LC50 9640 mg/L
	Fish	96 hours	Acute LC50 6550 mg/L
	Fish	96 hours	Acute LC50 >1400 mg/L

## Section 13. Disposal considerations

**Waste disposal** : The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Consult your local or regional authorities.

## Section 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

### UN Classification

UN number	UN1950
Proper shipping name	AEROSOLS
Class	2.1
Packing group	-

**Additional information** Limited quantity

See shipping documents for specific transportation information.

## Section 15. Regulatory information

**WHMIS** : Class A: Compressed gas.  
Class D-2B: Material causing other toxic effects (Toxic).

**Canada inventory** : All components are listed or exempted.

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

## Section 16. Other information

Hazardous Material Information System (U.S.A.) :	Health	*	1
	Flammability		2
	Physical hazards		0

**Date of issue** : 30-September-2009.

**Responsible name** : Regulatory Affairs  
1-800-352-5326

**Date of previous issue** : 29-November-2006.

### Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.