



Issuing Date 03-Aug-2012

Revision Date 25-Nov-2013

Revision Number 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Ozium Glycol-ized Air Sanitizer
Product Code(s) OZ-1, OZ-22, OZ-23, OZ-31, OZ-62, OZ-15, OZM-1, OZM-22, OZM-23, OZM-31
UN-Number UN1950
Recommended Use Air sanitizer

Supplier Address

Auto Expressions, LLC.
 505 E. Euclid
 Compton, CA 90224
 USA
 TEL: 877-572-2602/+1-310-639-0666

Company Emergency Phone Number 877-675-7226 / +1-303-389-1658

2. HAZARDS IDENTIFICATION

WARNING!

Emergency Overview

Combustible
 Irritating to eyes
 May cause sensitization by skin contact
 Harmful: may cause lung damage if swallowed
 Vapors may be irritating to eyes, nose, throat, and lungs
 Contents under pressure
 Keep out of reach of children and pets.

Appearance Pale yellow **Physical State** Aerosol. **Odor** Varies with fragrance

Potential Health Effects

Principle Routes of Exposure Eye contact. Inhalation. Skin contact.

Acute Toxicity

Eyes Irritating to eyes.
Skin Repeated exposure may cause skin dryness or cracking. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Inhalation May cause irritation of respiratory tract. Exposure to high concentrations of vapor may cause central nervous system depression.

Ingestion	Not an expected route of exposure. Potential for aspiration if swallowed. Ingestion may cause irritation to mucous membranes. May cause additional affects as listed under "Inhalation".
Chronic Effects	Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.
Aggravated Medical Conditions	Central nervous system. Pre-existing eye disorders. Skin disorders.
Interactions with Other Chemicals	Use of alcoholic beverages may enhance toxic effects.
Environmental Hazard	See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Isopropyl alcohol	67-63-0	40-50
Petroleum gases, liquified, sweetened	68476-86-8	25-35
Triethylene glycol	112-27-6	3-5
Propylene glycol	57-55-6	3-5
Fragrance	Proprietary	1-3

4. FIRST AID MEASURES

General Advice	If swallowed, get medical help or contact a Poison Control Center right away. Show this safety data sheet to the doctor in attendance.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Call a physician immediately.
Skin Contact	In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
Inhalation	Move victim to fresh air. If symptoms persist, call a physician.
Ingestion	Not an expected route of exposure. Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
Notes to Physician	Treat symptomatically.
Protection of First-aiders	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Combustible
Flash Point	149 °F / 65 °C
Suitable Extinguishing Media	Use: Water spray. Carbon dioxide (CO ₂). Foam. Dry powder. Cool containers with flooding quantities of water until well after fire is out.
Explosion Data	
Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	Yes.

Specific Hazards Arising from the Chemical Containers may explode when heated. Use water spray to cool unopened containers.

Protective Equipment and Precautions for Firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA	Health Hazard 1	Flammability 2	Instability 0	Physical and Chemical Hazards - Personal Protection X
HMIS	Health Hazard 2	Flammability 2	Physical Hazard 0	

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Do not touch damaged packages or spilled material. In case of rupture: Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Avoid contact with skin, eyes and inhalation of vapors. Refer to Section 8 for personal protective equipment.

Environmental Precautions Prevent entry into waterways, sewers, basements or confined areas.

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Pick up and transfer to properly labeled containers. In case of rupture: Soak up with inert absorbent material. Keep in suitable and closed containers for disposal.

Other Information Ventilate the area.

7. HANDLING AND STORAGE

Handling Keep away from open flames, hot surfaces and sources of ignition. In case of rupture: Wear personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist. Take precautionary measures against static discharges. Use only in area provided with appropriate exhaust ventilation.

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Keep away from oxidizing agents, strongly acid or alkaline materials and amines. Keep away from direct sunlight. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³	IDLH: 2000 ppm 10% LEL TWA: 980 mg/m ³ TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m ³

OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. NIOSH IDLH: Immediately Dangerous to Life or Health.

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Engineering Measures

Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment

Eye/Face Protection

Safety glasses with side-shields.

Skin and Body Protection

Protective gloves.

Respiratory Protection

None required under normal usage. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations

Hygiene Measures

When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pale yellow.	Odor	Varies with fragrance.
Odor Threshold	No information available.	Physical State	Aerosol
pH	No information available.	Autoignition Temperature	No information available.
Flash Point	149 °F / 65 °C	Boiling Point/Boiling Range	No information available.
Decomposition Temperature	No information available.	Flammability Limits in Air	No information available.
Melting Point/Range	No information available.	Solubility	No information available.
Water Solubility	Soluble in water.	Vapor Pressure	No data available.
Evaporation Rate	No information available.	VOC Content (%)	55.6
Vapor Density	No data available.		

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions.
Incompatible Products	Strong oxidizing agents. Acids.
Conditions to Avoid	Heat, flames and sparks. Do not puncture or incinerate cans.
Hazardous Decomposition Products	Carbon oxides.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information	No acute toxicity information is available for this product.
Inhalation	May cause central nervous system depression
Eye Contact	Irritating to eyes.
Skin Contact	Prolonged skin contact may defat the skin and produce dermatitis.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Isopropyl alcohol	= 4396 mg/kg (Rat)	12800 mg/kg (Rat) 12870 mg/kg (Rabbit)	72.6 mg/L (Rat) 4 h

Chronic Toxicity

Chronic Toxicity Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl alcohol		Group 3		X

IARC: (International Agency for Research on Cancer)

Group 3: Not Classifiable as to its Carcinogenicity to Humans

Target Organ Effects Respiratory system. Central nervous system (CNS).

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Isopropyl alcohol	EC50 96 h: > 1000 mg/L (Desmodesmus subspicatus) EC50 72 h: > 1000 mg/L (Desmodesmus subspicatus)	LC50 96 h: = 11130 mg/L static (Pimephales promelas) LC50 96 h: = 9640 mg/L flow-through (Pimephales promelas) LC50 96 h: > 1400000 µg/L (Lepomis macrochirus)		EC50 48 h: = 13299 mg/L (Daphnia magna)
Triethylene glycol		LC50 96 h: 56200-63700 mg/L flow-through (Pimephales promelas) LC50 96 h: = 10000 mg/L static (Lepomis macrochirus) LC50 96 h: = 61000 mg/L flow-through (Lepomis macrochirus)	EC50 = 850 mg/L 5 min	EC50 48 h: = 42426 mg/L (Daphnia magna)
Propylene glycol	EC50 96 h: = 19000 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h: = 51600 mg/L static (Oncorhynchus mykiss) LC50 96 h: 41 - 47 mL/L static (Oncorhynchus mykiss) LC50 96 h: = 51400 mg/L static (Pimephales promelas) LC50 96 h: = 710 mg/L (Pimephales promelas)	EC50 = 710 mg/L 30 min	EC50 24 h: > 10000 mg/L (Daphnia magna) EC50 48 h: > 1000 mg/L Static (Daphnia magna)
Chemical Name		Log Pow		
Isopropyl alcohol		0.05		
Petroleum gases, liquified, sweetened		2.8		
Triethylene glycol		-1.98		

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Do not re-use empty containers. Empty remaining contents. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Isopropyl alcohol	Toxic Ignitable

14. TRANSPORT INFORMATION

DOT

UN-Number	UN1950
Proper shipping name	Aerosols, non-flammable
Hazard Class	2.2
Description	UN1950, Aerosols, non-flammable, 2.2, Limited Quantity
Emergency Response Guide Number	126

TDG

UN-Number	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2.2
Description	UN1950, Aerosols, 2.2, Limited Quantity

MEX

	Not regulated
UN-Number	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2.2
Description	UN1950, Aerosols, 2.2, Limited Quantity

ICAO

UN-Number	UN1950
Proper shipping name	Aerosols
Hazard Class	2.2
Description	UN1950, Aerosols, 2.2

IATA

UN-Number	UN1950
Proper Shipping Name	Aerosols, non-flammable
Hazard Class	2.2
ERG Code	2L
Description	UN1950, Aerosols, non-flammable, 2.2

IMDG/IMO

UN-Number	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2
Subsidiary Class	See SP63
EmS No.	F-D, S-U
Description	UN1950, Aerosols, 2.2 (See SP63), Limited Quantity

UN-Number	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2
Classification Code	5A
Description	UN1950, Aerosols, 2.2, Limited Quantity

ADR

UN-Number	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2
Classification Code	5A
Description	UN1950, Aerosols, 2.2, (E), Limited Quantity
ADR/RID-Labels	2.2

UN-No	UN1950
--------------	--------

Proper Shipping Name	Aerosols
Hazard Class	2
Classification Code	5A
Special Provisions	190, 327, 344, 625
Description	UN1950, Aerosols, 2.2, Limited Quantity
Limited Quantity	1 L
Ventilation	VE04

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL	Complies
IECSC	-

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	Yes
Reactive Hazard	No

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Isopropyl alcohol	X	X	X		X
Triethylene glycol			X		X
Propylene glycol	X	-	X	-	X

International Regulations

Mexico - Grade

Moderate risk, Grade 2

Chemical Name	Carcinogen Status	Exposure Limits
Isopropyl alcohol		Mexico: TWA 400 ppm Mexico: TWA 980 mg/m ³ Mexico: STEL 500 ppm Mexico: STEL 1225 mg/m ³

Canada

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

WHMIS Hazard Class

A Compressed gases
D2B Toxic materials

**Canadian National Pollutant Release Inventory (NPRI)**

Component	NPRI
Isopropyl alcohol 67-63-0 (40-50)	X

Legend

X - Listed

16. OTHER INFORMATION

Prepared By Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Issuing Date 03-Aug-2012
Revision Date 25-Nov-2013
Revision Note (M)SDS sections updated: 14

General Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet