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**MATERIAL SAFETY DATA SHEET**

MSDS Number 53010CWD

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** OZIUM GLYCOL-IZED AIR SANITIZER - ALL SIZES & FRAGRANCES (continuous spray type) - EPA REGISTRATION # 51838-02- 9444

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

*Hazardous components greater than 1.0% (0.1% if carcinogen or suspected carcinogen)*

Component	CAS#	OSHA PEL	ACGIH TLV	Other Limits	% by wt.
Isopropanol	67-63-0	400 ppm	400 ppm	500 ppm ACGIH STEL	45-55
n-Butane	106-97-8	N.E.	800 ppm	800 ppm TWA	5-15
Non-hazardous components	N/A	N/A	N/A	N/A	<5
Perfume Oils-Supplier Trade Secret	N/A	N.E.	N.E.	N.E.	<5
Propane	74-98-6	1000 ppm	1000 ppm	1000 ppm TWA	15-25
Propylene Glycol	57-55-6	N.E.	N.E.	10mg/m3 aerosol only	4.4
Triethylene Glycol	112-27-6	N.E.	N.E.	N.E.	4.4

**3. HAZARDS IDENTIFICATION**

Warning! Flammable!

Contents under pressure, do not expose to fire or extreme heat.

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Read label. Do not spray on painted or lacquered surfaces.

**Potential Health Effects:**

*Routes of Entry:* Inhalation: Yes      Ingestion: Yes      Skin: Yes

*Health Hazards:* Overexposure to Isopropanol (or its components) has apparently been found to cause the following effects in laboratory animals: Liver abnormalities, kidney damage, and central nervous system effects. Dermatitis.

*Signs/symptoms of overexposure:* Central nervous system effects of isopropanol (or its components) includes dizziness, weakness, fatigue, nausea, and headache. Nasal and respiratory irritation, mild skin irritation, defatting, dermatitis, eye irritation. If swallowed - gastrointestinal irritation, nausea, vomiting, and diarrhea.

*Medical conditions aggravated by exposure:* Persons with pre-existing skin disorders, eye problems or impaired respiratory function may be more susceptible to the effects of this substance.

**NFPA Hazard Ratings**      **Fire:** 4      **Health:** 1      **Reactivity:** 0

*NFPA 704 Ratings are subject to interpretation and are only intended for general identification of the level of the specific hazard. All information must be considered for proper safe handling of the material.*

**4. FIRST AID MEASURES**

**IF IN EYES:** Hold eye open and rinse slowly and gently with warm water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a physician for treatment advice. **SKIN CONTACT:** Thoroughly wash the affected area with soap and water. Flush with large quantities of water for at least fifteen minutes. If irritation persists, call a physician.

**INHALATION:** Remove individual to fresh air. If victim is not breathing, call 911 or an ambulance then administer artificial respiration, preferably by mouth-to-mouth. **IF SWALLOWED:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. Vomiting may cause aspiration pneumonia hazard.

**5. FIRE FIGHTING MEASURES**

*Extinguishing Media:* CO2, dry chemical, or foam

*Fire Fighting Procedures:* Self contained air supply suggested. Keep containers cool to avoid bursting.

*Unusual Fire and Explosion Hazards:* Exposure to temperatures above 130 deg.F may cause bursting.

**6. ACCIDENTAL RELEASE MEASURES**

If container is ruptured or begins to leak, place in a well-ventilated area free of spark and ignition sources. Any remaining liquid should be collected with absorbent media. Dispose of unusable concentrate and absorbent media in accordance with Local, State and Federal regulations.

**7. HANDLING AND STORAGE**

Spray for one second towards center of room, away from drapes, walls, etc. to reduce airborne bacteria in an average size room (10' x 14' x 8'). Repeat application several times daily. For smoke and odor control, treat average size rooms twice with one second sprays. Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry area away from heat or open flame. Exposure to temperatures above 130 deg.F. may cause bursting.

*NFPA 30B Aerosol Classification:* Level 3 Aerosol

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

*Protective Gloves:* Recommended where repeated and prolonged skin contact is expected to occur.

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*Eye Protection:* Not required - avoid contact with eyes.*Respiratory Protection:* Not required. Use in well-ventilated area.*Ventilation: Local:* Not required. Under normal conditions, room ventilation is generally adequate.*Mechanical:* Explosion proof where excessive amounts of material are released (i.e.): If cases of product are crushed.*Other protective equipment:* None applicable.*Protective Work/Hygiene Practices:* To prevent accidental spraying keep protective cap in place when not in use.**9. PHYSICAL AND CHEMICAL PROPERTIES***Specific Gravity (H<sub>2</sub>O=1):* 0.8*Flashpoint:* Flammable per flame projection test.

LEL: N/A

*Vapor Pressure (mm Hg):* 5,171*Boiling Point:* N/A*Melting Point:* N/A

UEL: N/A

*Solubility:* Essentially complete *Appearance/Odor:* Golden to yellow aerosol spray. Perfumed and distinct odor.**10. STABILITY AND REACTIVITY***Conditions to Avoid:* Excessive storage temperatures.*Incompatible Materials:* Strong acids such as sulfuric, hydrochloric, nitric or other chemically de-hydrating compounds.*Hazardous Decomposition By-products:* By-products of incomplete combustion may include carbon monoxide, carbon dioxide, and other unidentified organic vapors and mists.*Hazardous Polymerization Conditions:* None known.**11. TOXICOLOGICAL INFORMATION**

This product contains no chemicals that are listed on the NTP, IARC, or OSHA carcinogen lists. Any further information on the toxicology of the material can be obtained by contacting the manufacturer.

**12. ECOLOGICAL INFORMATION**

Please call the manufacturer for questions concerning the ecological effects of this product and it's constituents.

**13. DISPOSAL CONSIDERATIONS**

Empty the can by using the product according to the label. DO NOT PUNCTURE OR INCINERATE! "Empty" cans may contain residue. Avoid exposure to heat, flame, sparks, and other sources of ignition. IF EMPTY: Place in trash or offer for recycling if available. IF PARTLY FILLED: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

**14. TRANSPORT INFORMATION**

	<i>Status</i>	<i>Shipping Name</i>	<i>Class</i>	<i>ID Numbe</i>	<i>Pack Grp</i>
<i>DOT (USA):</i>	Regulated	Consumer Commodity (per 49CFR173.306)	ORM-D	N/A	N/A
<i>IATA (Air):</i>	Regulated	Consumer Commodity	9	ID8000	N/A
<i>IMDG (Vessel):</i>	Regulated	Aerosols	2	UN1950	N/A

*National Motor Freight Classification and LTL Class:* 57100 Sub 3 Class 60

**15. REGULATORY INFORMATION****SARA Title III Section 312:** When completing Tier II reports, the following information should be used.

Note: See state and local regulations for specifics on reporting requirements for your facility.

*This product should be described as:* PURE: N MIXTURE: Y SOLID: N LIQUID: Y GAS: Y*Physical Hazards:* FIRE: Y PRESSURE: Y REACTIVITY: N *Health Hazards:* IMMEDIATE: Y DELAYED: N**16. OTHER INFORMATION****Product Sales Information:** 800-845-3495**MSDS Information:** 985-878-6751**Revision Notes:** REVISION OF MSDS

N/A = Not Applicable N.E. = Not Established

MSDS Prepared by NT

This Information is provided in good faith, but no warranty, expressed or implied, is made. The manufacturer believes that it is accurate and to the best of its knowledge, and relates only to the specific material designated herein.