

**MATERIAL SAFETY DATA SHEET****MSDS Number:** 342032TM**1. PRODUCT AND COMPANY IDENTIFICATION****Product Name:** TM CLEAN AIR PURGE I - ALL SIZES - EPA REGISTRATION # 9444-137**Manufactured by:** Waterbury Companies, Inc.

P.O. Box 640

Independence, LA 70443

**24-Hour Emergency Contact:**

800-424-9300 or 703-527-3887 (CHEMTREC)

**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
1,1-Difluoroethane	75-37-6	N.E.	N.E.	AEL (Dupont) 1000ppm	15-25
C12-C15 Isoparaffinic Hydrocarbon	64742-47-8	N.E.	N.E.	152 ppm (Exxon)	5-15
Isobutane	75-28-5	N.E.	800 ppm	N.E.	25-35
Non-hazardous components	N/A	N/A	N/A	N/A	25-35
Perfume Oils-Supplier Trade Secret	N/A	N.E.	N.E.	N.E.	<5
Piperonyl Butoxide	51-03-6	N.E.	N.E.	N.E.	5
Propane	74-98-6	1000 ppm	1000 ppm	1000 ppm TWA	<5
Pyrethrins	8003-34-7	5 mg/m3	5 mg/m3 TWA	5 mg/m3 OSHA TWA	1.76

\* This item is NOT a carcinogen, but has been listed to aid in the identification of all pesticide active ingredients in the product. Actual percentages for these active ingredients have been listed vs. percent ranges.

**3. HAZARDS IDENTIFICATION**

Warning! Flammable!

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

This product is designed for use in the Automatic Aerosol Dispenser. One unit per 6,000 cubic feet should be considered as an average need depending on specific conditions at place of usage. Keep in mind factors such as air flow, size of space, humidity, and room temperature all affect insect activity and control. Do not allow spray to contact plastic, painted, or varnished surfaces.

**Potential Health Effects:***Routes of Entry:* Inhalation: Yes Ingestion: Yes Skin: Yes*Health Hazards:* Health studies have shown many petroleum hydrocarbons pose potential human risks which may vary from person to person. Inhalation of high concentrations of Ethane, 1-1-Difluoro- vapors is harmful and may cause heart irregularities, unconsciousness, or death. Intentional misuse or deliberate inhalation may cause death without warning. Overexposure to Isopropanol (or its components) has apparently been found to cause the

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following effects in laboratory animals: Liver abnormalities, kidney damage, and central nervous system effects. Dermatitis.

*Signs/symptoms of overexposure:* Dizziness, headaches, drowsiness, incoordination, eye irritation, dermatitis, skin disorders, nausea, throat irritation, loss of consciousness, and other nervous system disorders. Prolonged skin contact may cause mild to moderate local redness and swelling.

*Medical conditions aggravated by exposure:* Skin contact may aggravate an existing dermatitis. Persons with a pre-existing disease of the central nervous, cardiovascular, or respiratory system may have increased susceptibility to the toxicity of excessive exposures.

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

*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 SWALLOWED: Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally. Do not induce vomiting. Vomiting may cause aspiration pneumonia hazard. IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated. IF ON SKIN OR CLOTHING: Remove contaminated clothing and wash before reuse. Wash affected areas with soap and water. Get medical attention if irritation persists. IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

### **5. FIRE FIGHTING MEASURES**

*Extinguishing Media:* CO<sub>2</sub>, 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 sparks and ignition sources. Pesticide that cannot be used according to label instructions must be disposed of according to all applicable Local, State and Federal procedures.

### **7. HANDLING AND STORAGE**

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. Do not use in nurseries or rooms where infants, ill or aged persons are confined. Do not install directly above or within 12 feet of any food handling or dispensing area. Read label. It is a violation of federal law to use this product in a manner inconsistent with its labeling.

*NFPA 30B Aerosol Classification:* Level 3 Aerosol

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

*Protective Gloves:* Not required - avoid contact with skin.

*Eye Protection:* Safety glasses recommended when installing new container to avoid possible contact with eyes.

*Respiratory Protection:* Not required - avoid breathing spray.

*Ventilation: Local:* Not required.

*Mechanical:* Not required.

*Other protective equipment:*

*Protective Work/Hygiene Practices:* Follow label instructions.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

*Specific Gravity (H<sub>2</sub>O=1):* 0.84

*Vapor Pressure (mm Hg):* 3,600

*Solubility:* Insoluble

*Appearance/Odor:* Dry spritz with mild perfume odor.

*Flashpoint:* Not Applicable.

*LEL:* N/A

*UEL:* N/A

*Boiling Point:* N/A

*Melting Point:* N/A

**10. STABILITY AND REACTIVITY**

*Conditions to Avoid:* Open flames and very hot surfaces can cause thermal decomposition.

*Incompatible Materials:* Strong alkalines and acids.

*Hazardous Decomposition By-products:* Carbon dioxide and carbon monoxide.

*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 its constituents.

**13. DISPOSAL CONSIDERATIONS**

Do not reuse empty container. This container may be recycled in the few but growing number of communities where (steel) aerosol can recycling is available. Before offering for recycling, empty the can by using the product according to the label. (DO NOT PUNCTURE!) Any remaining or collected liquid from punctured cans should be disposed of in a safe manner at an approved facility in accordance with Local, State, and Federal regulations. "Empty" cans may contain residue. Avoid exposure to heat, flame, sparks, and other sources of ignition.

**MATERIAL SAFETY DATA SHEET****MSDS Number:** 342032TM**14. TRANSPORT INFORMATION**

	<i>Status</i>	<i>Shipping Name</i>	<i>Class</i>	<i>ID #</i>	<i>Pkng 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:* 102120-Class 60

**15. REGULATORY INFORMATION**

This product is authorized for use in plants operating under USDA Inspection and Grading Programs as a CATEGORY F1 Substance

**SARA Title III Section 312:** For 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

**SARA Title III Section 313:**

Toxic chemical components subject to the reporting requirements of EPCRA and 40CFR372:

<i>Chemical</i>	<i>CAS/Category</i>	<i>Percent</i>
Piperonyl Butoxide	51-03-6	5.00

**16. OTHER INFORMATION**

**Product Sales Information:** 800-845-3495

**MSDS Information:** 985-878-6751

**Revision Notes:** Annual review.

*N/A = Not Applicable*

*N.E. = Not Established*

MSDS Prepared by D.D.

*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.*