



# MATERIAL SAFETY DATA SHEET

(Prepared according to 29 CFR 1910. 1200)

Date Prepared: 7-10-01

## HAZARD RATING

4-EXTREME  
3-HIGH  
2-MODERATE  
1-SLIGHT  
0-INSIGNIFICANT

Fire



Reactivity

Health

Special

## SECTION 1 - PRODUCT IDENTIFICATION

Company Name **James Varley & Sons, LLC.** Emergency Telephone No. 1-800-535-5053  
Address 1200 Switzer Avenue, St. Louis, MO 63147 Information Telephone No. 314-383-4372  
Product Name / ID# **Air Freshener** (VO 5201) Product Type Deodorizer ☒ Proprietary Product

## SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name	Cas No.	Percent (optional)	TLV (Source)
Isopropanol	67-63-0	< 10%	400 ppm

☐ \* Substances ☒ Contains no substances - subject to the reporting requirements of SARA 313 and 40 CFR Part 372.

## SECTION 3 - PHYSICAL DATA

Boiling Point (°F) 212°F Specific Gravity (H<sub>2</sub>O=1.0) 1.008 pH 7.2 ± 0.5 % VOC (ww) 11.0%  
Solubility In Water ☒ Complete ☐ Insoluble ☐ Emulsifiable or (Dispersible) ☐ Slight (or Partial)  
Evaporation Rate (Ether = 1) ☐ Faster ☐ Slower ☒ About the Same Vapor Pressure (psig) NE Vapor Density NE

Appearance and Odor Clear red liquid, fresh scent.

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Aerosol Flammability: > 100°F Flammable Limits % Volume in Air (Propellant) Upper NE Lower NE  
Extinguishing Media Carbon Dioxide, Dry chemical or foam.  
Special Fire Fighting Procedures NA  
Unusual Fire Explosion Hazards NA

## SECTION 5 - REACTIVE DATA

Stability Stable Incompatibility None  
Hazardous Decomposition Products NA

## SECTION 6 - HEALTH HAZARDS

Threshold Limit Value Product See Section 2 for Ingredients TLV ☒ None Established ☐ Not Applicable Primary routes of Exposure ☒ Eyes ☐ Skin ☒ Oral ☒ Inhalation  
Signs Symptoms of Over-exposure (Acute) May be irritating to eyes, skin, nose or throat. Can be irritating to digestive system if swallowed.  
Signs Symptoms of Over-exposure (Chronic) Unknown  
Medical Conditions Aggravated by Over-exposure Unknown  
Carcinogen/Suspected Carcinogen Ingredients: ☐ NTP ☐ IARC ☐ OSHA ☒ None

## SECTION 7 - FIRST AID PROCEDURES - (If any Condition persists - Consult a physician.)

Eyes. Flush with water for 10-15 minutes. If condition persists, consult a physician.  
Skin. Wash with soap and water. If irritation persists, consult a physician.  
Ingestion. Drink large quantities of water to dilute. Consult a physician.  
Inhalation. Remove to fresh air.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection None if air flow is adequate.  
Ventilation requirements ☒ Local Exhaust ☐ Mechanical To keep below any listed TLV or for general good ventilation.  
Protective Gloves Rubber gloves if prolonged contact. Eye Protection Safety glasses.  
Other Protective Clothing Chemical apron when handling large volumes of material.

## SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled Contain spill. Mop up, rinse with water.  
Waste Disposal Methods Flush into sanitary sewer system. Check all government regulations.

## SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in handling and Storage Keep away from possible sources of ignition. Store so as to inaccessible to children.