

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION						
<b>NFPA Rating:</b> Health-1; Flammability-3; Reactivity-0; Special--		<b>HMIS Rating:</b> Health-1; Flammability-3; Reactivity-0; Personal Protection-B				
<b>Manufactured For:</b> Hillyard Industries, Inc. Address: 302 N. 4 <sup>th</sup> Street Address: St. Joseph, MO 64501		<b>DOT Hazard Classification (post transition):</b> LIMITED QUANTITY <b>DOT Haz Classification(pretransition):</b> Consumer Commodity ORM-D <b>Identity (trade name as used on label):</b> <b style="text-align: center;">VANILLA AIR FRESHENER</b> <b style="text-align: center;">Part# HIL0104554</b>				
Phone: (816)-233-1321 ext. 8285 or http://www.hillyard.com		<b>MSDS Number:</b> A00207		Revision-4a		
<b>EMERGENCY RESPONSE NUMBER:</b> Chemtrec 1-800-424-9300		Date Prepared: 02/01/07		Prepared by: IB		
<b>NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA</b>		Information Calls: (770)422-2071				
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION						
<b>COMPONENTS-CHEMICAL NAMES AND COMMON NAMES</b> (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)		CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
ACETONE		67-64-1	No	1000	750	d
ISOBUTANE / PROPANE BLEND		75-28-5	No	800	800	d
		74-98-6	No	1000	1000	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
<b>Boiling Point:</b> N/A		<b>Specific Gravity (H2O=1):</b> Concentrate Only = 0.8				
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): 50-60		<b>Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):</b> N/A				
<b>Vapor Density (Air = 1):</b> N/E		<b>Evaporation Rate ( = 1):</b> N/E				
<b>Solubility in Water:</b> Soluble		<b>Water Reactive:</b> No				
<b>Appearance and Odor:</b> Clear liquid with fragrance.						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols): flame projection with spray through cap: projection greater than 18" with flashback: Categorized as <b>EXTREMELY FLAMMABLE</b>		<b>Auto Ignition Temperature</b> N/E		<b>Flammability Limits in Air by % in Volume:</b> % LEL: N/E % UEL: N/E		
<b>FLASH POINT AND METHOD USED (non-aerosols):</b> N/A		<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Provide shielding for personnel. Wear self-contained breathing apparatus. Cool containers with water fog to prevent rupturing & spewing.				
<b>EXTINGUISHER MEDIA:</b> Foam, dry chemical, carbon dioxide, water.						
<b>Unusual Fire &amp; Explosion Hazards:</b> Do not expose aerosols to temperatures above 120°F or the container may rupture.						
SECTION 4 - REACTIVITY HAZARD DATA						
<b>STABILITY</b> [ X ] STABLE [ ] UNSTABLE		<b>HAZARDOUS POLYMERIZATION</b> [ ] WILL [ X ] WILL NOT OCCUR				
<b>Incompatibility (Mat. to avoid):</b> Alkalis, oxidizing materials, amines.		<b>Conditions to Avoid:</b> Open flame, welding arcs, heat.				
<b>Hazardous Decomposition Products:</b> CO, CO2.						
SECTION 5 - HEALTH HAZARD DATA						
<b>PRIMARY ROUTES OF ENTRY:</b> [ X ] INHALATION [ ] INGESTION [ ] SKIN ABSORPTION [ ] EYE [ ] NOT HAZARDOUS						
<b>ACUTE EFFECTS</b> Vapor concentrations around 1000 ppm may cause slight transient irritation to the upper respiratory tract.						
<b>Inhalation:</b> Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.						
<b>Eye Contact:</b> Irritation.		<b>Skin Contact:</b> May cause slight irritation.				
<b>Ingestion:</b> Possible chemical pneumonitis if aspirated into lungs. Nausea.						
<b>CHRONIC EFFECTS:</b> (Effects due to excessive exposure to the raw materials of this mixture) May cause mucous membrane irritation, overnight headache, and general weakness.						
<b>Medical Conditions Generally Aggravated by Exposure:</b> May aggravate existing eye, skin, or upper respiratory conditions.						
EMERGENCY FIRST AID PROCEDURES						
<b>Eye Contact:</b> Flush with water for 15 minutes. If irritated, seek medical attention.						
<b>Skin Contact:</b> Wash with soap and water. If irritated, seek medical attention.						
<b>Inhalation:</b> Remove to fresh air. Resuscitate if necessary. Get medical attention.						
<b>Ingestion:</b> DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
<b>Respiratory Protection (specify type):</b> If vapor concentration exceeds TLV, use respirator approved by NIOSH or U.S. Bureau of Mines for organic vapor.						
<b>Protective Gloves:</b> Latex, if skin easily irritated.		<b>Eye Protection:</b> Safety glasses recommended.				
<b>Ventilation Requirements:</b> Adequate ventilation to keep vapor concentration below TLV.						
<b>Other Protective Clothing &amp; Equipment:</b> None						
<b>Hygienic Work Practices:</b> Wash with soap and water before handling food. Remove contaminated clothing.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER.						
<b>Waste Disposal Methods:</b> Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.						
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Do not puncture or incinerate containers. Do not store at temperatures above 120°F.						
<b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources.						

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only