

MATERIAL SAFETY DATA SHEET

NFPA RATING: Health = 0 Flammability 0 Reactivity = 0

HMIS RATING: Health = 1/0 Flammability 0 Reactivity = 0

SECTION I -- IDENTITY AND MANUFACTURER'S INFORMATION (READY TO USE)

Manufacturer's Name: HILLYARD INDUSTRIES Product Name: VANILLA AIR FRESHENER
 Address: 302 North Fourth Street Date Prepared: September 6, 1996
 St. Joseph, MO 64501 Prepared by: Regulatory Affairs Department
 Emergency Telephone No.: (800)-424-9300 (Only in the event of chemical emergency involving a spill, leak, fire,
 exposure or accident involving chemicals.) Other information calls: (816) 233-1321 (Ext. 2303)
<http://www.hillyard.com>

SECTION II -- INGREDIENTS/IDENTITY INFORMATION

Components

(Specific Chemical Identity: Common Name(s))	CAS#	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
Water	7732-18-5	N/A	N/A	N/A	--
Vanilla fragrance	mixture unknown to Hillyard	not established	not est.	not established	--

SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: corr. 211°F Specific Gravity (H₂O = 1): 25°C = 1.00 & 39°C = 1.00
 Vapor Pressure (mm Hg.): 17.5 Percent Volatile by Volume (%): 99.8
 Vapor Density (AIR = 1): 0.6 Evaporation Rate (ethyl ether = 1): slower than 1
 Solubility in Water: complete Appearance and Odor: Milky liquid, vanilla odor
 pH (1:20 dilution with D.I. water) = 6.9

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash point: none to 200°F(T.C.C.) Flammable Limits: LEL = 1.9% UEL = N/A (mixture)
 Extinguishing Media: Water spray, carbon dioxide, dry foam
 Special Fire Fighting Procedures: Respiratory protection required for fire fighting personnel. Use water
 spray to cool fire exposed surfaces and to protect personnel.
 Unusual Fire and Explosion Hazards: None known to Hillyard Industries

SECTION V -- PHYSICAL HAZARDS

Stability: Stable Conditions to Avoid: Keep away from heat or open flame
 Incompatibility (Materials to Avoid): Strong oxidizing material and acids
 Hazardous Decomposition Products or Byproducts: None known to Hillyard Industries
 Hazardous Polymerization: Will not occur Conditions to Avoid: None known

SECTION VI -- HEALTH HAZARD DATA

Routes of entry: Inhalation? No Skin? No Ingestion? No

HEALTH HAZARDS (1. Acute and 2. Chronic)

1. Per FHSA Method 16 CFR 1500 1:20 diluted product was not found to be an eye nor a skin irritant. The
 concentrate was not acutely toxic (oral) to laboratory rats at 5 g/kg. Prolonged contact may cause slight skin
 irritation. Prolonged eye contact may produce slight conjunctivae.

2. None known to concentrate manufacturer.

Chemical listed as Carcinogen or Potential Carcinogen:

National Toxicology Program = No I.A.R.C. Monographs = No OSHA = No

This product has no carcinogens listed by IARC, NTP, NIOSH, or ACGIH as of this date, greater or equal to
 0.1%.

SECTION VI -- HEALTH HAZARD DATA continued

Signs and Symptoms of Exposure: Prolonged contact may cause slight skin irritation. Prolonged eye contact may produce slight conjunctivae.

Medical Conditions Generally Aggravated by Exposure: None known to Hillyard Industries

Emergency and First Aid Procedures: In case of contact, immediately flush eyes or skin with plenty of water for 15 minutes. If irritation persists, Get Medical Attention

SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken In Case Material Is Released Or Spilled: Absorb large spills with floor dry material. Small spills: Flush with water and pick up with mop.

Waste Disposal Method: Dispose of in accordance with state and local regulations. Since product is an aqueous solution containing less than 24% alcohol and with a pH of less than 12.5 and greater than 2, it would not be considered a federal hazardous waste per EPA regulations (40 CFR 261).

Precautions To Be Taken In Handling And Storing: Keep container closed when not in use. Since empty packages retain product residue, follow label warnings even after package is empty.

Other Precautions: Do not dispose of in storm drains or streams. This product contains no reportable quantities of toxic chemicals subject to reporting requirements of Section 313 of SARA Title III Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR Part 372.

SECTION VIII -- CONTROL MEASURES

Respiratory Protection (Specify Type): None normally required for 1:20 diluted product.

Ventilation: No special air handling needed with 1:20 diluted material in normal use.

Local Exhaust = N/A **Mechanical (General) =** Recommended **Special =** N/A **Other =** N/A

Protective Gloves: None required **Eye Protection:** None required

Other Protective Clothing or Equipment: None required

Work / Hygienic Practices: Wash thoroughly after handling. Do not spray on food or foodstuffs.

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NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY NATURE ARE MADE WITH RESPECT TO THE PRODUCT(S) OR INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET.

The information and recommendations contained in this Material Safety Data Sheet are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. All information contained herein is presented in good faith and is believed to be appropriate and accurate.

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