

**MATERIAL SAFETY DATA SHEET**

**NFPA RATING:** Health = 0 Flammability = 0 Reactivity = 0

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

**SECTION I -- IDENTITY AND MANUFACTURER'S INFORMATION (489N-03D)**

**Manufacturer's Name:** HILLYARD INDUSTRIES

**Product Name:** QUICK & CLEAN

VANILLA AIR FRESHENER

**Address:** 302 North Fourth Street  
St. Joseph, MO 64501

**Date Prepared:** December 16, 1998

**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. 8285)

<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 established	not established	---

V.O.S. – less than 0.9%

**SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> corr. 212°F	<b>Specific Gravity (H<sub>2</sub>O = 1):</b> 25°C = 0.99 & 39°C = 0.99
<b>Vapor Pressure (mm Hg.):</b> 17.5	<b>Percent Volatile by Volume (%):</b> 99.5
<b>Vapor Density (AIR = 1):</b> 0.6	<b>Evaporation Rate (ethyl ether = 1):</b> slower than 1
<b>Solubility in Water:</b> complete	<b>Appearance and Odor:</b> White, opaque liquid, vanilla odor
<b>pH (1:20 dilution with D.I. water) =</b>	6.2

**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, 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 eye or skin irritation. Inhalation – Product was not shown to be acutely toxic when exposed at a nominal concentration of 30 mg./L. (actual concentration of 28.6 mg./L. 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 than 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):** Not required for normal use.

**Ventilation:** No special air handling needed 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.

**SECTION IX -- TRANSPORTATION INFORMATION**

**Applicable regulations:** 49 CFR = no; IMCO = no; IATA = no

**Proper shipping name:** Cleaning compound

**UN NO.:** not applicable      **Limited Qty.:** not applicable      **Hazard Class =** not applicable

**Labels required:** not required      **DOT Exception:** not applicable

**EPA Hazardous waste number / code:** not listed

**Hazardous waste characteristics:** **Ignitability:** not applicable; **Corrosivity:** not applicable; **Reactivity:** not applicable

**DISCLAIMER OF WARRANTIES**

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**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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