



MATERIAL SAFETY DATA SHEET

I. MATERIAL IDENTIFICATION AND USE

TRADE NAME: HEINZ PURE WHITE VINEGAR

SYNONYMS: 5% ACETIC ACID, VINEGAR ACID

RECOMMENDED USES: FOOD INGREDIENT, PRESERVATIVE

MANUFACTURERS NAME: H. J. HEINZ COMPANY OF CANADA LTD

ADDRESS: ERIE STREET SOUTH, LEAMINGTON, ONTARIO N8H 3W8

TELEPHONE NO.: 519-326-5701 FAX NO.: 519-322-4104

PREPARED BY: LILLIAN KUZMIK DATE: September 15, 2008

II. BASIC INGREDIENTS AND TOXICITY

MATERIAL OR COMPONENTS	%	TLV/DATE	CAS NO.
Acetic acid, CH ₃ COOH	5.0	10 ppm	64-19-7
Water, H ₂ O	95		7732-18-5

III. PHYSICAL DATA

BOILING POINT, 760 mm Hg	100°C	MELTING POINT	0°C
SPECIFIC GRAVITY H ₂ O = 1	1.0070 (20°C)	VAPOUR PRESSURE	n/a
VAPOUR DENSITY AIR = 1	n/a	SOLUBILITY IN H ₂ O %WT	miscible
% VOLATILES BY VOL. @ 70°F, 20°C		ODOUR	Penetrating, pungent 0.2- 24 ppm
pH (acidity - alkalinity)	2.4		

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IV. FIRE AND EXPLOSION DATA

FLASH-POINT (TEST METHOD): n/a **AUTO IGNITION TEMP:** n/a

FLAMMABLE LIMITS IN AIR, % BY VOL. **LOWER:** n/a **UPPER:** n/a

FIRE FIGHTING INSTRUCTIONS: Carbon dioxide, dry chemical, alcohol foam.

V. INSTABILITY/DECOMPOSITION INFORMATION

CONDITIONS CONTRIBUTING TO INSTABILITY: Heat

INCOMPATIBILITY: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: n/a

POLYMERIZATION HAZARDS: n/a

VI. HEALTH HAZARD INFORMATION

IMMEDIATE EFFECTS OF OVEREXPOSURE:

INHALATION: Irritation of nose, throat and lungs.

SKIN CONTACT: No injury

SKIN ABSORPTION: n/a

EYE CONTACT: Immediate pain, conjunctival reddening, can cause injury to corneal membrane.

INGESTION: Burns at high acid concentration only.

EFFECTS OF LONG TERM OVER-EXPOSURE: Irritation of eyes, nose, throat and bronchial tubes.

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EMERGENCY AND FIRST AID PROCEDURES:

EYES: Copious irrigation with water, lifting lower and upper lids occasionally.

SKIN: Copious irrigation with water.

INHALATION: Move exposed person to fresh air at once.

INGESTION: Ingest large quantities of water to dilute the acetic acid.

VII. PROTECTION INFORMATION

VENTILATION REQUIREMENTS

PERSONAL PROTECTIVE EQUIPMENT: At conc. below 5%, no particular protective equipment is necessary unless unusual exposures are involved.

RESPIRATORY: n/a

EYE: n/a

GLOVES: n/a

OTHER CLOTHING AND EQUIPMENT: n/a

VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: For small quantities absorb on paper towels and discard at an appropriate landfill site.

NEUTRALIZING CHEMICALS: Caustic solution (e.g. NaHCO_3 or NaOH).

WASTE DISPOSAL METHOD: Neutralized with Caustic solution and flush into a sewer.
