

Metrex Research Corporation
MATERIAL SAFETY DATA SHEET

Effective Date: March 15, 2006

PRODUCT INFORMATION

TRADE NAME:

Vionex Antimicrobial Skin Wipe Towelette

PRODUCT USE:

Antimicrobial Towelette

MANUFACTURER: Metrex Research Corporation

Metrex Research Corporation
1717 West Collins Avenue
Orange, CA 92867
USA

Tel: (714) 516-7400

Fax: (714) 516-7488

SUPPLIER: Metrex Research

a Division of Sybron Canada Limited
Oakville, Ontario L6M 2W2
Canada

Tel: (905) 825-2511

Fax: (905) 825-9292

EMERGENCY PHONE:

(USA) – Chemtrec: 1 (800) 424-9300 (24 hours)

(Canada) – Canutec: 1 (613) 996-6666 (24 hours)

MOLECULAR WEIGHT: Not applicable, mixture

CHEMICAL NAME: Mixture

DIN: 02238252

CHEMICAL FAMILY: Not applicable, mixture

CHEMICAL FORMULA: Not applicable, mixture

HAZARDOUS INGREDIENTS

	% BY WT.	CAS NO.	ACUTE LETHALITY
Ethanol	5.0 to 10.0	67-17-5	LD ₅₀ (oral, rat) = 7060 mg/kg

PHYSICAL DATA (excluding towelette portion)

PHYSICAL STATE: Liquid (on white applicator towelette)

BOILING POINT: not established

MELTING POINT: not established

VAPOUR DENSITY: not established

SPECIFIC GRAVITY: not established

% VOLATILE BY VOLUME: not established

pH: not established

ODOUR THRESHOLD: not established

VAPOUR PRESSURE (mm Hg @ 20 °C): not established

EVAPORATION RATE: not established

COEFFICIENT OF WATER/OIL DISTRIBUTION: Water soluble

Vionex Antimicrobial Skin Wipe Towelette

Effective Date: March 15, 2006

Page 2 of 4

APPEARANCE AND ODOUR: Clear liquid with herbal fragrance (on white applicator towelette)

FIRE OR EXPLOSION HAZARD

FLASH POINT: not established

LOWER EXPLOSIVE LIMIT: not established

UPPER EXPLOSIVE LIMIT: not established

METHOD: not established

AUTO-IGNITION TEMPERATURE: not established

MEANS OF EXTINCTION: Water, carbon dioxide or dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: not applicable

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, low molecular weight volatile organic compounds

EXPLOSION DATA: not applicable

SENSITIVITY to MECHANICAL IMPACT: none known

SENSITIVITY to STATIC DISCHARGE: none known

REACTIVITY DATA

STABILITY AT ROOM TEMPERATURE: This product is stable under normal conditions of storage and use.

INCOMPATIBLE MATERIALS: Oxidizing materials. Avoid contact with acids and alkalines.

CONDITIONS of REACTIVITY: Avoid temperatures above 50 °C.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon

TOXICOLOGICAL PROPERTIES

OCCUPATIONAL EXPOSURE LIMITS:

	ACGIH TLV-TWA**	TWAEV*
Ethanol	1000 ppm	1000 ppm

NOTE: * Time-weighted average exposure value limits as published in Ont. Reg. 833/90 (as amended by Ont. Reg. 513/92) REGULATION RESPECTING CONTROL OF EXPOSURE TO BIOLOGICAL OR CHEMICAL AGENTS.

** Threshold Limit Value of American Conference of Governmental Industrial Hygienists is concentration that cannot be exceeded during an eight-hour exposure.

EFFECTS OF ACUTE EXPOSURE TO PRODUCT (Routes of entry):

INHALATION: Product does not represent a health hazard by inhalation.

EYE CONTACT: Direct contact with the product may be irritating to the eyes.

Vionex Antimicrobial Skin Wipe Towelette

Effective Date: March 15, 2006

Page 3 of 4

SKIN CONTACT/ABSORPTION: Mixture does not represent a health hazard by skin contact or absorption.

INGESTION: Ingestion of small amounts may cause irritation. Ingestion of large amounts may cause toxic effects similar to alcohol poisoning; including central nervous system depression, nausea and vomiting.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: none known

SENSITIZATION TO PRODUCT: No evidence of skin or respiratory sensitization.

CARCINOGENICITY: TERATOGENICITY: REPRODUCTIVE TOXICITY: No reported evidence of carcinogenicity or reproductive toxicity.

PREVENTIVE MEASURES

HANDLING PROCEDURES and EQUIPMENT: Prevent eye contact. Do not use this product at elevated temperatures. Washing facilities should be readily available when using this product. A physician should be consulted by anyone with dermatitis before using this product.

PERSONAL PROTECTIVE EQUIPMENT:

EYES: None required under normal use. Wear safety glasses or chemical safety goggles when handling large quantities.

SKIN: None required under normal use.

RESPIRATORY: None require under normal use.

ENGINEERING CONTROLS: None required under normal use.

STORAGE REQUIREMENTS: Store in a cool, dry, well ventilated area away from acids, alkalines and oxidizers. Do not store with incompatible materials. Protect containers from damage.

SPILL or LEAK PROCEDURE: Stop discharge and contain spill. Recover and reuse spilled material. Wash residue from large spills with water and flush to a sewer serviced by a wastewater treatment facility.

WASTE DISPOSAL: Wastes must be handled as per local, provincial or federal regulations.

FIRST AID

EYE: Immediately flush eyes with running water for a minimum of 20 minutes while forcing eyelids open during flush. Take care not to rinse contaminated water into the non-affected eye. Always seek medical attention for accidents involving the eyes.

SKIN: Flush with water if skin becomes irritated.

INHALATION: Not applicable.

INGESTION: Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. If conscious, give 2 or 3 glasses of water. Aspiration of liquid into lungs during ingestion or vomiting may cause severe pulmonary injury or death. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Immediately contact local Poison Control Centre to obtain medical attention.

PREPARATION INFORMATION

PREPARED BY: SYBRON DENTAL SPECIALTIES, INC. (714) 516-7400

NOTICE: This information is furnished for Metrex Research Corporation at no charge, independent of any sale of the product, and subject to the user's investigation and verification. While this data is believed to be correct, Metrex Research Corporation makes no warranties, guarantees, or representations of any kind with respect to the product or to this information, either expressed or implied, and whether arising by law or otherwise, including but not limited to any implied warranty of merchantability or fitness for any particular purpose. Metrex Research Corporation shall in no event be liable for any personal injury; property or other damages of any nature whatsoever, whether special, indirect, consequential, or compensatory, directly or indirectly resulting from the publication, use of, or reliance upon this information.