

Metrex Research Corporation
MATERIAL SAFETY DATA SHEET

Effective Date: May 2005

PRODUCT INFORMATION

TRADE NAME:

MetriDry

PRODUCT USE:

Drying Agent

MANUFACTURER: Metrex Research Corporation

Metrex Research Corporation
1717 West Collins Avenue
Orange, CA 92867
USA
Tel: (714) 516-7400
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SUPPLIER: Metrex Research
a Division of Sybron Canada Limited
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Canada
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EMERGENCY PHONE:

(USA) – Chemtrec: 1 (800) 424-9300 (24 hours)
(Canada) – Canutec: 1 (613) 996-6666 (24 hours)

MOLECULAR WEIGHT: Not applicable, mixture

WHMIS CLASS: D2B, E

CHEMICAL NAME: Mixture

CHEMICAL FAMILY: Not applicable, mixture

CHEMICAL FORMULA: Not applicable, mixture

HAZARDOUS INGREDIENTS

	% BY WT.	CAS NO.	ACUTE LETHALITY
2-Butoxy Ethanol	5.0 – 10.0	111-76-2	LD ₅₀ (oral, rat) = 470 mg/kg

PHYSICAL DATA

PHYSICAL STATE: Liquid

BOILING POINT: 100°C (212 °F)

MELTING POINT: not applicable

VAPOUR DENSITY (air = 1): unknown

SPECIFIC GRAVITY: 0.9772

% VOLATILE BY VOLUME: not available

pH: 3.5

ODOUR THRESHOLD: not available

EVAPORATION RATE: (n-Butyl acetate = 1): not determined

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

COEFFICIENT OF WATER/OIL DISTRIBUTION: not available

APPEARANCE AND ODOUR: Pink liquid with a slight odor

FIRE OR EXPLOSION HAZARD

FLASH POINT: > 200°F

LOWER EXPLOSIVE LIMIT: unknown

UPPER EXPLOSIVE LIMIT: unknown

METHOD: closed cup

AUTO-IGNITION TEMPERATURE: not applicable

MEANS OF EXTINCTION: CO₂, foam or dry chemical media

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus.

HAZARDOUS COMBUSTION PRODUCTS: none known

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 a stable solution within a closed container under normal conditions of storage and use.

INCOMPATIBLE MATERIALS: Avoid contact alkalis.

CONDITIONS of REACTIVITY: not applicable

HAZARDOUS DECOMPOSITION PRODUCTS: none known

TOXICOLOGICAL PROPERTIES

OCCUPATIONAL EXPOSURE LIMITS:

	ACGIH TLV-TWA**	TWAEV*
2-Butoxy Ethanol	20 ppm	Not available

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 can not be exceeded during an eight-hour exposure.

EFFECTS OF ACUTE EXPOSURE TO PRODUCT (Routes of entry):**INHALATION:** May cause irritation.**EYE CONTACT:** Causes burns.**SKIN CONTACT/ABSORPTION:** Causes irritation and redness of contact area.**INGESTION:** May cause irritation.**EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:** Repeated skin contact may cause dermatitis, skin sensitization and allergic reaction in hypersensitive individuals.**SENSITIZATION TO PRODUCT:** unknown**CARCINOGENICITY: TERATOGENICITY: REPRODUCTIVE TOXICITY:** No reported evidence of carcinogenicity or reproductive effects.

PREVENTIVE MEASURES

HANDLING PROCEDURES and EQUIPMENT: Avoid personal contact. Prevent skin and eye contact. Do not breathe fumes, vapours or spray mist released from this product. Do not use this product at elevated temperatures. Washing facilities should be readily available when using this product. Wash thoroughly after handling and before eating, drinking or smoking. Food should not be used in area where this product is stored or handled.**PERSONAL PROTECTIVE EQUIPMENT****EYES:** Wear protective goggles.**SKIN:** Wear protective rubber or neoprene gloves.**RESPIRATORY:** Depending on the airborne concentration, a NIOSH/MSHA approved respirator may be worn for concentrations up to 10 times the TLV.**ENGINEERING CONTROLS:** General mechanical and local exhaust ventilation to maintain airborne concentrations below occupational exposure limits. If ventilation is insufficient, wear suitable respiratory protection.**STORAGE REQUIREMENTS:** Keep containers tightly closed. Store in a cool, dry well ventilated area, away from alkalis. Do not store with incompatible materials. Protect containers from damage.**SPILL or LEAK PROCEDURE:** Stop discharge and contain spill. Keep others at a safe distance. Avoid all personal contact. Wear protective equipment listed above. Absorb spilled product with an inert absorbent. Dumping into sewer, onto the ground, or into any body of water may be prohibited by local sewer use by-laws. Wash residue from spill with water.**WASTE DISPOSAL:** Wastes must be disposed of according to local, provincial or federal regulations.

FIRST AID

EYE: Wash eyes immediately with large amounts of water. Occasionally lift upper and lower lids. Continue for at least 15-20 minutes. Get medical attention immediately.

SKIN: Remove contaminated garments and shoes immediately. Wash affected areas with large amounts of water for 15-20 minutes. Get medical attention immediately.

INHALATION: Remove to fresh air. If symptoms persist, contact a physician.

INGESTION: If swallowed, do not induce vomiting. Rinse mouth with water, and then drink 1 to 2 glasses of water. Never give anything by mouth to an unconscious person. Contact a physician immediately.

PREPARATION INFORMATION

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

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