

MATERIAL SAFETY DATA SHEET

IDENTITY (AS USED ON LABEL AND LIST):  
PROSAT PS-911EB/ETOH

SECTION I

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MANUFACTURER'S NAME:  
CONTEC, INC.

ADDRESS:  
925 BEAUMONT AVE. EXT.  
SPARTANBURG, SC 29303

EMERGENCY TELEPHONE NUMBER: (800) 424-9300  
TELEPHONE NUMBER FOR INFORMATION: (803) 591-2210

DATE PREPARED: REVISED 04/06/94

SIGNATURE OF PREPARER (OPTIONAL)

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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COMPONENTS - CHEMICAL NAME & % OSHA ACGIH OTHER LIMITS  
COMMON NAMES (HAZARDOUS COMPONENTS PEL TLV STEL  
1% OR GREATER; CARCINOGENS 0.1%  
OR GREATER)

ETHYL ALCOHOL	CAS # 64-17-5	70	1000 PPM	1000 PPM	N/A
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NON-HAZARDOUS INGREDIENTS:  
DEIONIZED WATER 30  
TOTAL 100

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

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BOILING POINT: 171 TO 212 F  
SPECIFIC GRAVITY (H2O=1): 0.791 AT 60 F  
VAPOR PRESSURE (MM HG): 51.0 AT 68 F  
MELTING POINT: LT -194 F  
VAPOR DENSITY (AIR=1): 1.6  
EVAPORATION RATE (BUAC=1): 3.8  
SOLUBILITY IN WATER: MISCIBLE  
WATER REACTIVE: NO  
APPEARANCE AND ODOR: CLEAR, COLORLESS LIQUID. CHARACTERISTIC ODOR.

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT AND METHOD USED: 51 F (TCC)  
AUTO-IGNITION TEMPERATURE: N/A

FLAMMABILITY LIMITS IN AIR % BY VOLUME AT 200 F:  
LEL: 3.30  
UEL: 19.00

EXTINGUISHER MEDIA: WATER SPRAY. CARBON DIOXIDE. DRY CHEMICAL. ALCOHOL  
FOAM.

SPECIAL FIRE FIGHTING PROCEDURES: EVACUATE AREA OF UNPROTECTED PERSONNEL.  
WEAR PROTECTIVE CLOTHING INCLUDING A NIOSH-APPROVED SELF-CONTAINED BREATHING

APPARATUS. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY. RUN-OFF FROM FIRE CONTROL MAY CAUSE POLLUTION.

UNUSUAL FIRE AND EXPLOSION HAZARDS: FLAMMABLE LIQUID. A VAPOR ACCUMULATION MAY FLASH AND/OR EXPLODE IF IGNITED. VAPOR CAN TRAVEL DISTANCES TO IGNITION.

SECTION V - REACTIVITY DATA

STABILITY:  STABLE  UNSTABLE

CONDITIONS TO AVOID: AVOID CONTACT WITH HEAT, SPARKS, AND OPEN FLAME.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS, NITRIC, SULFURIC ACIDS, ALDEHYDES, HALOGENS.

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION MAY CAUSE CO, CO2, AND OTHER ORGANIC MATERIALS.

HAZARDOUS POLYMERIZATION:  MAY OCCUR  WILL NOT OCCUR

CONDITIONS TO AVOID: N/A

SECTION VI - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY:

INHALATION  INGESTION  SKIN ABSORPTION  NOT HAZARDOUS

CARCINOGEN LISTED IN:

NTP  OSHA  IARC MONOGRAPHS  NOT LISTED

HEALTH HAZARDS (ACUTE AND CHRONIC): NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE INFORMATION.

SIGNS AND SYMPTOMS OF EXPOSURE: NAUSEA, DIZZINESS, BREATHING DIFFICULTIES, EYE AND SKIN IRRITATIONS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: BECAUSE OF ITS IRRITATING AND DEFATTING PROPERTIES IT MAY AGGRAVATE EXISTING DERMATITIS.

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EMERGENCY FIRST AID PROCEDURES: SEEK MEDICAL ASSISTANCE FOR FURTHER TREATMENT, OBSERVATION AND SUPPORT IF NECESSARY.

EYE CONTACT: IMMEDIATELY FLUSH EYES THOROUGHLY WITH WATER AND CONTINUE WASHING FOR SEVERAL MINUTES.

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND WASH SKIN WITH SOAP AND WATER. WASH CLOTHING BEFORE REUSE.

INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. OXYGEN MAY BE GIVEN BY QUALIFIED PERSONNEL IF BREATHING IS DIFFICULT. OBTAIN MEDICAL ATTENTION.

INGESTION: IF PATIENT IS CONSCIOUS AND HAS A GAG REFLEX, GIVE TWO GLASSES OF WATER. INDUCE VOMITING. OBTAIN MEDICAL ATTENTION WITHOUT DELAY.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: EXTINGUISH AND DO NOT TURN ON ANY IGNITION SOURCE UNTIL AREA IS DETERMINED TO BE FREE FROM EXPLOSION OR FIRE HAZARDS.

WASTE DISPOSAL METHOD: FOR SMALL SPILLS FLUSH WITH WATER. FOR LARGE SPILLS COLLECT FOR DISPOSAL. OBSERVE ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: WEAR SUITABLE PROTECTIVE EQUIPMENT, ESPECIALLY EYE PROTECTION.

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS: AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. SEPARATE FROM OXIDIZING MATERIAL.

NFPA RATING:  
HEALTH ( )  
FLAMMABILITY ( )  
REACTIVITY ( )  
SPECIAL ( )

HMS RATING:  
HEALTH (1)  
FLAMMABILITY (3)  
REACTIVITY (0)  
PERSONAL PROTECTION ( )

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SECTION VIII - CONTROL AND PROTECTIVE MEASURES

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RESPIRATORY PROTECTION (SPECIFY TYPE): SELF-CONTAINED BREATHING APPARATUS  
IN HIGH VAPOR CONCENTRATIONS.

PROTECTIVE GLOVES: RUBBER OR PLASTIC

EYE PROTECTION: CHEMICAL SAFETY GOGGLES

VENTILATION TO BE USED:  
(X) LOCAL EXHAUST  
( ) MECHANICAL (GENERAL)  
( ) SPECIAL  
( ) OTHER

OTHER PROTECTIVE CLOTHING AND EQUIPMENT: EYE-WASH STATION, SAFETY SHOWER.

HYGIENIC WORK PRACTICES: DO NOT TOUCH EYES AFTER HANDLING MATERIAL.

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