

**Section 1 - PRODUCT IDENTIFICATION****Product/Chemical Name:** Blood Concentrate (1000722)**Manufacturer:** Laerdal Texas, P.O. Box 38, 226 FM 116, Gatesville, TX. 76528**Telephone:** (254) 865-7221 **Fax:** (254) 865-1150**Section 2 - HAZARDOUS INGREDIENTS****EXPOSURE LIMITS IN AIR (GIVEN UNITS)**

<b>CHEMICAL NAMES</b>	<b>CAS NUMBERS</b>	<b>PERCENT</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>OTHER (SPECIFY)</b>
<b>FD&amp;C #40 RED FOOD COLORING</b>	2956-17-6	32	N/A	N/A	N/A
<b>CARMEL COLORING</b>	N/A	0.01	N/A	N/A	N/A
<b>METHYL CELLULOSE</b>	9004-67-5	0.09	N/A	N/A	N/A
<b>SODIUM BENZOTE</b>	532-32-1	0.03	N/A	N/A	N/A
<b>DISTILLED WATER</b>	7732-18-5	65-70	N/A	NON HAZ.	N/A

**Section 3 - PHYSICAL PROPERTIES****VAPOR DENSITY:** (AIR=1) N/A**MELTING POINT OR RANGE, °F:** N/A**SPECIFIC GRAVITY:** 1.2**BOILING POINT OR RANGE, °F:** 212**SOLUBILITY IN WATER:** DILUTABLE**EVAPORATION RATE:** (BUTYL ACETATE = 1)

&lt; 1 (SLOWER)

**VAPOR PRESSURE, MMHG AT 20 °C** 17 (SAME AS WATER)**APPEARANCE AND ODOR:** DARK RED APPEARANCE**Section 4 - FIRE AND EXPLOSION****FLASH POINT:** NOT DETERMINED**AUTO IGNITION TEMPERATURE:** NOT DETERMINED**FLAMMABLE LIMITS IN AIR, VOLUME %:** LOWER (LEL) N/A UPPER (UEL) N/A**FIRE EXTINGUISHING MATERIALS:** SUBSTANCE IS NONCOMBUSTIBLE; USE AGENT MOST APPROPRIATE TO EXTINGUISHING SURROUNDING FIRE.

(CONT. SECTION 4 - FIRE AND EXPLOSION)

**GENERAL FIREFIGHTING PROCEDURES:** AS IN ANY FIRE WEAR SELF-CONTAINED BREATHING APPARATUS IN PRESSURE DEMAND, MSHA/NIOSH APPROVED, AND FULL PROTECTIVE GEAR.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** NONE

#### **SECTION 5 - HEALTH HAZARD INFORMATION**

**SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE.**

**INHALED:** MAY BE IRRITATING TO RESPIRATORY TRACT

**CONTACT WITH SKIN OR EYES:** MAY CAUSE SLIGHT EYE IRRITATION. MAY CAUSE IRRITATION OF THE SKIN WITH PROLONGED CONTACT. REMOVE CONTAMINATED CLOTHING.

**SWALLOWED:** MAY CAUSE IRRITATION TO THE DIGESTIVE TRACT.

**HEALTH EFFECTS OR RISKS FROM EXPOSURE:**

**ACUTE:** MAY CAUSE NAUSEA OR HEADACHES IF SWALLOWED. MAY CAUSE EYE IRRITATION OR REDDENING OF THE SKIN.

**CHRONIC:** NO EVIDENCE OF ADVERSE EFFECTS.

#### **FIRST AID EMERGENCY PROCEDURES:**

**EYE CONTACT:** FLUSH EYES WITH LARGE AMOUNTS OF WATER AND CONSULT PHYSICIAN IF SYMPTOMS PERSIST.

**SKIN CONTACT:** WASH SKIN WITH SOAP AND WATER.

**INHALED:** MOVE TO FRESH AIR.

**SWALLOWED:** MAY BE HARMFUL. CONSULT DOCTOR

**SUSPECTED CANCER AGENT?**

**NO: THIS PRODUCT'S INGREDIENTS ARE NOT FOUND IN THE LISTS BELOW**

FEDERAL OSHA      NTP      IARC      ACGIH      NIOSH

**CALIFORNIA EMPLOYERS USING CAL/OSHA - REGULATED CARCINOGENS MUST REGISTER WITH CAL/OSHA. THE CAL/OSHA AND FEDERAL OSHA CARCINOGEN LISTS ARE SIMILAR.**

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE INFORMATION.

#### **SECTION 6 - REACTIVITY DATA**

**STABILITY:** X STABLE UNSTABLE

**INCOMPATIBILITY (MATERIALS TO AVOID):** NONE KNOWN

**HAZARDOUS DECOMPOSITION PRODUCTS (INCLUDING COMBUSTION PRODUCTS):** NONE KNOWN

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

**CONDITIONS TO AVOID:** NONE

#### **SECTION 7 - SPILL, LEAK, AND DISPOSAL PROCEDURES**

**SPILL RESPONSE PROCEDURES:** ABSORB SPILL WITH INERT MATERIAL (E.G. VERMECULITE, SAND OR EARTH) AND PLACE IN SUITABLE CONTAINER

**PREPARING WASTES FOR DISPOSAL:** NO SPECIAL PRECAUTIONS NECESSARY. DISPOSE OF PRODUCT IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

**NOTE:** DISPOSE OF ALL WASTES IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

#### **SECTION 8 - SPECIAL HANDLING INFORMATION**

**VENTILATION AND ENGINEERING CONTROLS:** THERE ARE NO SPECIAL VENTILATION REQUIREMENTS.

**RESPIRATORY PROTECTION:** RESPIRATOR EQUIPMENT IS NOT NORMALLY REQUIRED.

**EYE PROTECTION:** SPLASH GOGGLES AND AVAILABLE EYE BATH.

**GLOVES:** USE IMPERVIOUS GLOVES.

**OTHER CLOTHING AND EQUIPMENT:** STANDARD WORK CLOTHING AND SHOES.

**WORK PRACTICES, HYGIENIC PRACTICES:** AVOID CONTACT WILL STAIN CLOTHING AND SKIN.

**OTHER HANDLING AND STORAGE REQUIREMENTS:** NONE KNOWN

**PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT:** N/A

**Revised Date:** 01/05/2006