

Vet Tek

LIDOCAINE HYDROCHLORIDE

VET TEK
24010 HIGHWAY 40 EASTBOUND
BLUE SPRINGS, MISSOURI 64015
812/229-9101
NO.: 260-10, 260-25
* Not Est. = Not Established

SECTION I. MATERIAL IDENTIFICATION

MATERIAL NAME: Lidocaine Hydrochloride
OTHER DESIGNATIONS: Lidocaine; 2(Diethylamino)2',
6'acetoxyliidide-HCl
CHEMICAL FAMILY: Local anesthetic, antiarrhythmic
TRADE NAME: Lidocaine

SECTION II. INGREDIENTS AND HAZARDS

INGREDIENTS AND HAZARDS	%	OSHA PEL
Lidocaine Hydrochloride	2.0	Not est.
HAZARD DATA/TOXICITY: LD50 292 mg/Kg-ovine-oral		
Benzyl Alcohol	1.5	Not est.
HAZARD DATA/TOXICITY: LD50 1230 mg/Kg-rat-oral		
750 micrograms-eye-rabbit-severe irritation		

SECTION III. PHYSICAL DATA

BOILING POINT AT 1 atm, deg C: 100 deg C
VAPOR PRESSURE AT 15 deg C mm Hg: N/A
VAPOR DENSITY (Air = 1): N/A
WATER SOLUBILITY AT 20 deg C: Complete.
SPECIFIC GRAVITY 20/4 C: 1.02
EVAP. RATE (BuAc=1): Negligible.
VOLATILES, %: 1.5%
MOLECULAR WEIGHT: 254.45 amu
APPEARANCE AND ODOR: Clear, colorless, aqueous solution;
faint odor of benzyl alcohol.

SECTION IV. FIRE AND EXPLOSION DATA

FLASH POINT AND METHOD: Not determined.
AUTO-IGNITION TEMPERATURE:
FLAMMABILITY LIMITS IN AIR: Not considered a fire hazard.
LOWER:
UPPER:
EXTINGUISHING MEDIA: Use any means to extinguish
surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES: Wear full face-plate and
self-contained breathing apparatus operated in
positive/demand mode.

SECTION V. REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: None known.
INCOMPATIBLE WITH: Ammonia.
HAZARDOUS DECOMPOSITION PRODUCTS: May emit toxic vapors;
oxides of carbon and nitrogen.
HAZARDOUS POLYMERIZATION: Will Not Occur.
CONDITIONS TO AVOID: None known.

SECTION VI. HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE: Not believed to be a carcinogen
(IARC, NTP). Local anesthesia, ingestion may cause
nervousness, dizziness, blurred vision, tremors,
drowsiness, convulsions, unconsciousness, cardiac arrest,
coma, death.
TARGET ORGANS: None known.
PRIMARY ROUTE OF ENTRY: Skin, eyes, ingestion.

FIRST AID:

EYE CONTACT: Flush eyes with copious quantities of water.
Consult a physician.
SKIN CONTACT: Wash with soap and water. Seek medical
attention if irritation develops.
INHALATION: Remove to fresh air. Consult a physician.
INGESTION: Induce vomiting. Get medical attention
immediately.

SECTION VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

SPILLS, LEAKS: Soak up spill with absorbent. Remove to
appropriate container for disposal.
DISPOSAL: Ensure compliance with local, state, and federal
regulations. Do not burn in container. Burn in approved
incinerator or use sanitary landfill.

SECTION VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Recommended.
VENTILATION: General dilution or local exhaust.
PROTECTIVE GLOVES: Rubber may be used.
EYE PROTECTION: Safety goggles or glasses.
OTHER PROTECTIVE EQUIPMENT: Not needed if used in
accordance with label directions.

SECTION IX. SPECIAL PRECAUTIONS AND COMMENTS

STORAGE & HANDLING INFORMATION: READ AND FOLLOW ALL LABEL
DIRECTIONS
Wash hands with soap and water after handling. For
veterinary use ONLY. Not for human consumption.
DOT CLASS: Not classified.

APPROVALS

Arun Kumar, Director-Q.A.	DATE: 3/2/92
Gene Komer, Director-R & D	DATE: 3/2/92

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