



Section 1: Identification

Common Name/Trade Name	DOXEPIN HYDROCHLORIDE USP	
Supplier Information	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours)
Product Synonym(s)	Apapin, Cidoxepin hydrochloride, Curatin, 11-Dimethylamino propylidene 6H-dibenz(B,E)oxepin, 1-[3-(dimethylamino)propylidene]-6,11-dihydrodibenz(B,E)oxepin hydrochloride, N,N-dimethyldibenz(B,E)oxepin-delta[sup 11(6H),gamma]-propylamine hydrochloride, NSC-108160, P-3693A, P-4599, Sinequan, Zonalon	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute Toxicity, Oral (Category 3), Reproductive toxicity, effects on or via lactation (Additional Category), Hazardous to the aquatic environment, acute toxicity (Category 1)	
Signal Word	Danger	
Hazard Statement(s)	H301 H362 H410	Toxic if swallowed May cause harm to breast-fed children Very toxic to aquatic life with long lasting effects
Pictogram(s)	 	
Precautionary Statement(s)	P260 P273 P280 P310 P501	Do not breathe dust/fume/gas/mist/vapours/spray. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Immediately call a POISON CENTER or doctor/physician. Dispose of contents/container to an approved waste disposal plant.
Hazards Not Otherwise Classified	No data available	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

Chemical Name	1-Propanamine,3-dibenz(B,E)oxepin-11(6h)ylidene-n,n- dimethyl-,hydrochloride
Common Name	Doxepin Hydrochloride
CAS Number	1229-29-4
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Indication of immediate medical attention and special treatment needed Notes to Physician Treat symptomatically.
If Inhaled	Remove person to fresh air. If signs/symptoms continue, get medical attention.
In Case of Skin Contact	Wash off immediately with plenty of water. Get medical advice/attention if you feel unwell.
In Case of Eye Contact	Flush eyes with water for at least 15 minutes. Get medical attention if eye irritation develops or persists.
If Swallowed	If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Get medical advice/attention if you feel unwell.
Most Important Symptoms and Effects	Irritation May cause eye, skin and/or respiratory tract irritation. Corrosivity No information available. Eyes No information available. Skin May cause: skin rash, Edema, photosensitization, pruritus, Inhalation No information available. Ingestion May cause: nausea, vomiting, Indigestion, Taste disorders, diarrhea, Anorexia.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Water spray. Carbon dioxide (CO 2). Foam. Dry powder. Halons.
Special Hazards Arising From the Substance/Mixture	Thermal decomposition can lead to release of irritating gases and vapors. Combustible material.
Special PPE and/or Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Protective equipment See section 8 Emergency procedures Evacuate the danger area and alert emergency team
Methods and Materials Used for Containment	Prevent entry into waterways, sewers, basements or confined areas. Prevent further leakage or spillage if safe to do so. Report according to local regulations. Take up mechanically and collect in suitable container for disposal.
Cleanup Procedures	Prevent entry into waterways, sewers, basements or confined areas. Prevent further leakage or spillage if safe to do so. Report according to local regulations. Take up mechanically and collect in suitable container for disposal.

Section 7: Handling and Storage

Precautions for Safe Handling	Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Do not breathe vapors/dust. Provide appropriate exhaust ventilation at places where dust is formed. Handle in accordance with good industrial hygiene and safety practice.
Conditions for Safe Storage	Keep in properly labeled containers. See product quality documents and/or label for the correct storage conditions of this product.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Manufacturer OEL (8hr-TWA): 60 Å?Å?g/m3
Appropriate Engineering Controls	Appropriate Engineering Controls.
PPE - Eye/Face Protection	Use eye protection appropriate for the task.
PPE - Skin Protection	Use appropriate protective gloves.
PPE - Body Protection	Use protective clothing appropriate for the task.
PPE - Respiratory Protection	Use appropriate respiratory protection.

Section 9: Physical and Chemical Properties

Appearance	White, hygroscopic crystals.
Upper/Lower Flammability or Explosive Limits	No information available
Odor	Slight amine
Vapor Pressure	No information available
Odor Threshold	No information available
Vapor Density	No information available
pH	4.5-5.1
Relative Density	No data available
Melting Point/Freezing Point	185 - 191C
Solubility	Soluble in Ethanol. Soluble in water.
Initial Boiling Point and Boiling Range	No information available
Flash Point	No information available
Evaporation Rate	No information available
Flammability (Solid, Gas)	No information available
Partition Coefficient	No information available
Auto-Ignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity	No information available

Section 10: Stability and Reactivity

Reactivity	No information available
Chemical Stability	Stable under normal conditions.
Possibility of Hazardous Reactions	Hazardous polymerization does not occur.
Conditions to Avoid	Heat, Light.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Toxic fumes of: Nitrogen oxides (NOx), carbon oxides; Hydrogen chloride gas.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 Oral rat 147 mg/kg LD50 Oral mouse 180 mg/kg
Acute Toxicity - Inhalation	No information available.
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	No information available.
Skin Corrosion/Irritation	No information available.
Serious Eye Damage/Irritation	No information available.
Respiratory or Skin Sensitization	Hyper-sensitization is possible.
Germ Cell Mutagenicity	No evidence of mutagenicity in non-clinical studies.
Carcinogenicity IARC	No data available. No evidence of carcinogenicity in animal studies.
Carcinogenicity ACGIH	No data available. No evidence of carcinogenicity in animal studies.
Carcinogenicity NTP	No data available. No evidence of carcinogenicity in animal studies.
Carcinogenicity OSHA	No data available. No evidence of carcinogenicity in animal studies.
Reproductive Toxicity	Some evidence of reproductive toxicity in animal studies.
Specific Target Organ Toxicity - Single Exposure	No information available.
Specific Target Organ Toxicity - Repeated Exposure	No information available.
Aspiration Hazard	No information available.

Section 12: Ecological Information

Toxicity	Toxicity to Algae EC50 (72 h): 0.50-0.73 mg/l. Toxicity to Fish LC50 (96 h): 0.57 mg/l. Daphnia Magna (Water Flea) EC50 (48 h): 11.1 mg/l.
Persistence and Degradability	Biotic (28 days): 0%. Not readily biodegradable. WGK 3: Strongly hazardous for water sludge.
Bio-accumulative Potential	Expected to bioaccumulate : Log Po/w >=3 (EC) or >=4 (GHS). Half-Life Elimination in Human: 8 - 24h.
Mobility in Soil	No information available
Other Adverse Effects	No information available

Section 13: Disposal Considerations

Waste Treatment Methods Product	Dispose of in accordance with local regulations.
Waste Treatment Methods Packaging	Empty containers should be taken for local recycling, recovery or waste disposal.
Special Precautions Landfill or Incinerations	No information available.
Other Information	No information available.

Section 14: Transport Information

UN Number	2811
UN Proper Shipping Name	Toxic solid, organic, n.o.s. (Doxepin Hydrochloride)
Transport Hazard Class(es)	6.1
Packaging Group	III
Environmental Hazards	Marine Pollutant: Yes

Section 15: Regulatory Information

Regulation 1907/2006/EC (REACH) and successive modifications - Regulation 1272/2008 (CLP) and successive modifications - D.Lgs. 81/2008 and successive modifications and Dir. 2009/161/EU - REGULATION (EU) 2015/830 This safety data sheet complies with the requirements of: GHS

Section 16: Other Information

Additional Information	N/A
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