


### Section 1: Identification

<b>Common Name/Trade Name</b>	CLOMIPHENE CITRATE USP	
<b>Supplier Information</b>	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	<b>IN CASE OF EMERGENCY:</b> Chemtrec 1 (800) 424-9300 (24 hours)
<b>Product Synonym(s)</b>	(E,Z)-2-[4-(2-Chloro-1,2-diphenylvinyl)-phenoxy]triethylamine	
<b>Relevant Use(s) of Product</b>	Manufacture or Compounding of Substances	

### Section 2: Hazards Identification

<b>Classification of Substance or Mixture</b>	Reproductive toxicity (Category 1A), Acute toxicity, oral, (Category 4)	
<b>Signal Word</b>	Danger	
<b>Hazard Statement(s)</b>	H302 H360	Harmful if swallowed May damage fertility or the unborn child
<b>Pictogram(s)</b>		
<b>Precautionary Statement(s)</b>	P201 P202 P264 P270 P280 P281 P301+P312 P308+P313 P330 P405 P501	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required. IF SWALLOWED Call a POISON CENTER or doctor/physician if you feel unwell. IF exposed or concerned Get medical advice/attention. Rinse mouth. Store locked up. Dispose of contents/container to an approved waste disposal plant.
<b>Hazards Not Otherwise Classified</b>	No data available	
<b>Ingredient(s) with Unknown Toxicity</b>	No data available	

### Section 3: Composition/Information on Ingredients

<b>Chemical Name</b>	(E,Z)-2-[4-(2-Chloro-1,2-diphenylvinyl)-phenoxy]triethylamine
<b>Common Name</b>	Clomiphene Citrate
<b>CAS Number</b>	50-41-9
<b>Impurities and/or Stabilizing Additives</b>	No data available

### Section 4: First Aid Measures

<b>General Advice</b>	Get medical advice/attention if you feel unwell.
<b>If Inhaled</b>	Remove person to fresh air and keep comfortable for breathing.
<b>In Case of Skin Contact</b>	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
<b>In Case of Eye Contact</b>	Rinse immediately with plenty of water. If eye irritation persists: Get medical advice/attention.
<b>If Swallowed</b>	Obtain emergency medical attention. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED : Rinse mouth. Do NOT induce vomiting.
<b>Most Important Symptoms and Effects</b>	Symptoms/injuries : Swallowing a small quantity of this material presents some health hazard. Chronic symptoms : May damage fertility. Indication of any immediate medical attention and special treatment needed Never give anything by mouth to an unconscious person. Consult a physician after significant exposure.

## Section 5: Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Unsuitable extinguishing media : Do not use a heavy water stream.
<b>Special Hazards Arising From the Substance/Mixture</b>	Fire hazard : In case of fire and/or explosion do not breathe fumes.
<b>Special PPE and/or Precautions for Firefighters</b>	Firefighting instructions : Do not enter fire area without proper protective equipment, including respiratory protection. Protection during firefighting : Avoid (reject) fire-fighting water to enter environment. Other information : Exercise caution when fighting any chemical fire.

## Section 6: Accidental Release Measures

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	See section 8. Exposure controls and personal protection.
<b>Methods and Materials Used for Containment</b>	Equip cleanup crew with proper protection. Evacuate personnel to a safe area. Ventilate area. Do not breathe vapors. Do not allow to enter drains or water courses. Notify authorities if product enters sewers or public waters.
<b>Cleanup Procedures</b>	On land, sweep or shovel into suitable containers. Store away from other materials.

## Section 7: Handling and Storage

<b>Precautions for Safe Handling</b>	Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.
<b>Conditions for Safe Storage</b>	Store in a closed container. Keep away from heat and direct sunlight. Keep container closed when not in use. Store in a well-ventilated place. Incompatible products :Strong acids. Strong bases. Ignition sources. Direct sunlight. Storage temperature: 15 - 30 C.

## Section 8: Exposure Controls/Personal Protection

<b>Components with Workplace Control Parameters</b>	No data available.
<b>Appropriate Engineering Controls</b>	Ensure good ventilation of the work station. Avoid release to the environment. Do not eat, drink or smoke during use.
<b>PPE - Eye/Face Protection</b>	Chemical goggles or safety glasses
<b>PPE - Skin Protection</b>	Protective gloves
<b>PPE - Body Protection</b>	Wear suitable protective clothing
<b>PPE - Respiratory Protection</b>	Wear appropriate mask. Wear respiratory protection

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	Crystalline powder.
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Odor</b>	Odorless
<b>Vapor Pressure</b>	No data available
<b>Odor Threshold</b>	No data available
<b>Vapor Density</b>	No data available
<b>pH</b>	No data available
<b>Relative Density</b>	No data available
<b>Melting Point/Freezing Point</b>	116.5 - 118 C
<b>Solubility</b>	Slightly soluble in water and chloroform, freely soluble in methanol, insoluble in ether
<b>Initial Boiling Point and Boiling Range</b>	No data available
<b>Flash Point</b>	Does not apply
<b>Evaporation Rate</b>	No data available
<b>Flammability (Solid, Gas)</b>	Non flammable.
<b>Partition Coefficient</b>	No data available
<b>Auto-Ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available

### Section 10: Stability and Reactivity

<b>Reactivity</b>	Not established.
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	Risk of dust explosion.
<b>Conditions to Avoid</b>	No data available
<b>Incompatible Materials</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced

### Section 11: Toxicological Information

<b>Acute Toxicity - LD50 Oral</b>	Oral: Harmful if swallowed. LD50 oral rat 5750 mg/kg LD50 oral 1400 mg/kg
<b>Acute Toxicity - Inhalation</b>	Not classified (Based on available data, the classification criteria are not met)
<b>Acute Toxicity - Dermal</b>	The literature data available to us do not conform with the classification and labelling prescribed by the EC. The EC has dossiers which have not been published (Based on available data, the classification criteria are not met)
<b>Acute Toxicity - Eye</b>	Not classified.
<b>Skin Corrosion/Irritation</b>	Not classified.
<b>Serious Eye Damage/Irritation</b>	Not classified.
<b>Respiratory or Skin Sensitization</b>	Not classified (Based on available data, the classification criteria are not met)
<b>Germ Cell Mutagenicity</b>	Not classified.
<b>Carcinogenicity IARC</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity ACGIH</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity NTP</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity OSHA</b>	Based on available data, the classification criteria are not met.
<b>Reproductive Toxicity</b>	May damage fertility
<b>Specific Target Organ Toxicity - Single Exposure</b>	Based on available data, the classification criteria are not met.
<b>Specific Target Organ Toxicity - Repeated Exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration Hazard</b>	Based on available data, the classification criteria are not met.

### Section 12: Ecological Information

<b>Toxicity</b>	No data available
<b>Persistence and Degradability</b>	No data available
<b>Bio-accumulative Potential</b>	No data available
<b>Mobility in Soil</b>	Not established.
<b>Other Adverse Effects</b>	Avoid release to the environment.

### Section 13: Disposal Considerations

<b>Waste Treatment Methods Product</b>	Disposal must be done according to official regulations. Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
<b>Waste Treatment Methods Packaging</b>	Disposal must be done according to official regulations. Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
<b>Special Precautions Landfill or Incinerations</b>	No data available
<b>Other Information</b>	No data available

### Section 14: Transport Information

<b>UN Number</b>	Not dangerous goods.
<b>UN Proper Shipping Name</b>	N/A
<b>Transport Hazard Class(es)</b>	N/A
<b>Packaging Group</b>	N/A
<b>Environmental Hazards</b>	No

## Section 15: Regulatory Information

EU-Regulations No REACH Annex XVII restrictions CLOMIPHENE CITRATE is not on the REACH Candidate List CLOMIPHENE CITRATE is not on the REACH Annex XIV List Directive 2012/18/EU (SEVESO III) Germany 12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance) Netherlands SZW-lijst van kankerverwekkende stoffen : The substance is not listed SZW-lijst van mutagene stoffen : The substance is not listed NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : The substance is not listed NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : The substance is not listed NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : The substance is not listed Denmark Danish National Regulations : Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

## Section 16: Other Information

<b>Additional Information</b>	N/A
<b>Prepared By</b>	Scarlotte Smith
<b>Revision Date</b>	03/15/2021 15:50

### Disclaimer

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