

Safety Data Sheet



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Issued: 03 Apr 2025

1. Identification

Product Identifier	Enclomiphene Citrate
Other means of identification	
Internal item number	82393-0504
CAS number	7599-79-3
Chemical name	2-[4-[(1E)-2-chloro-1,2-diphenylethenyl]phenoxy]-N,N-diethyl-ethanamine, 2-hydroxy-1,2,3-propanetricarboxylate
Relevant use and restrictions:	No further information available.
Application of substance:	Active pharmaceutical ingredient.
Manufacturer/Supplier information	
Company name	Pharma Source Direct
Address	8591 Prairie Trail Drive, Ste C-600 Englewood, CO 80112
Website	www.pharmasd.com
Emergency phone number	Infotrac: 1-800-535-5053

2. Hazard(s) Identification

Physical hazards	Not classified	
Health hazards	Reproductive toxicity	Category 2
Environmental hazards	Not classified	
OSHA defined hazards	Not classified	
Label elements		

Signal word	Warning.
Hazard statement	Suspected of damaging fertility or the unborn child.
Precautionary statement	
Prevention	Obtain special instructions before use, do not handle until all safety precautions have been read and understood, use personal protective equipment as required.
Response	If exposed or concerned: Get medical attention/advice.
Storage	Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazards not otherwise classified (HNOC)	None known.
Supplemental information	Pharmacologically active material.

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3. Composition/Information on Ingredients

Substance			
Chemical name	Common name and synonyms	CAS number	%
Enclomiphene Citrate	(E)-Clomiphene (citrate); trans-Clomiphene (citrate); Enclomifene (citrate)	7599-79-3	100

4. First-aid Measures

Inhalation	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Ingestion	Clean mouth with water and drink plenty of water afterwards. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Not available.
Indication of immediate medical attention and special treatment needed	Not available.
General Information	If symptoms persist, call a physician.

5. Fire-fighting Measures

Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials. Water. Foam. Dry chemical or CO ₂ .
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	Keep product and empty container away from heat and sources of ignition. Hazardous Combustion Products: Carbon monoxide (CO). Carbon dioxide (CO ₂). Nitrogen oxides (NO _x). Wear suitable protective equipment.
Special protective equipment and precautions for firefighters	
Fire fighting equipment/instructions	As in any fire, wear self-contained breathing apparatus pressure demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific methods	Not available.
General fire hazards	Not available.

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures

Methods and materials for containment and cleaning up

Environmental precautions

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the Environment must be avoided.

7. Handling and Storage

Precautions for safe handling

Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid ingestion and inhalation. Avoid dust formation. Do not get in eyes, on skin, or on clothing.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure Controls & Personal Protection

Occupational exposure limits

Not available.

Biological limit values

Not available.

Appropriate engineering controls

Not available.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin protection

Wear appropriate protective gloves and clothing to prevent skin exposure.

Respiratory protection

No protective equipment is needed under normal use conditions. Recommended Filter type: Particle filter.

Thermal hazards

Not available.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Appearance

Appearance descriptions are general information and not specific to any lot.

Physical state

Solid.

Form

Crystalline.

Color

White.

Odor

Not available.

Odor threshold

Not available.

pH

Not available.

Melting point/freezing point

Not available.

Initial boiling point and boiling range

Not available.

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Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Solubility (other)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Chemical family	Not available.
Molecular formula	C32H36ClNO8
Molecular weight	598.08 g/mol

10. Stability and Reactivity

Reactivity	Not available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available.
Conditions to avoid	No data available.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon monoxide (CO), Carbon dioxide (CO ₂), Nitrogen oxides (NO _x)
Other decomposition products	No data available.

11. Toxicological Information

Information on likely routes of exposure

Inhalation	Not available.
Skin contact	Not available.
Eye contact	Not available.
Ingestion	Not available.

Symptoms related to the physical, chemical, and toxicological characteristics Not available.

Information on toxicological effects

Acute toxicity

Product	Species	Test Results
Enclomiphene Citrate (CAS 7599-79-3)		
Oral		
LD50	Rat	73,500 µg/kg

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Inhalation LC50

No data available.

Dermal LD50

No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/eye irritation

No data available.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

**Specific target organ toxicity -
single exposure**

No data available.

**Specific target organ toxicity -
repeated exposure**

No data available.

Aspiration hazard

No data available.

Further information

No data available.

12. Ecological Information

Ecotoxicity

Do not empty into drains.

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility in soil

No information available.

Other adverse effects

No information available.

13. Disposal Considerations

Disposal instructions

Dispose in accordance with all applicable regulations. Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

Local disposal regulations

Dispose in accordance with all applicable regulations.

Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused
products**

Not available.

Contaminated packaging

Not available.

14. Transport Information

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DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

General information

It is the shipper's responsibility to determine the correct transport classification at the time of shipment.

15. Regulatory Information

US federal regulations

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 311/312 Hazardous chemical Not available.

SARA 313 (TRI reporting) Not listed.

Other federal regulations

CWA (Clean Water Act) Not applicable.

Clean Air Act Not applicable.

Occupational Safety and Health Administration Not applicable.

US state regulations

California Proposition 65 Not listed.

International Inventories

Not available.

16. Other Information

Disclaimer

The information in this SDS has been compiled from sources considered dependable but has not been independently verified. The company cannot guarantee the accuracy of information herein, and the statements contained should not be considered an official expression. The company will not assume liability for any loss, damage, and/or expense resulting from the use and/or misuse of this product regarding handling, storage, and/or disposal.

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