

MASTER COPY



UNCONTROLLED & CONFIDENTIAL

Not for Operational Use

Sign: [Signature]

Date: 14/05/2021

VASUDHA PHARMA CHEM LIMITED

Unit-I, Plot No. 377A, 38, 39 A & B, Phase-I, IDA, Jeedimetla, Hyderabad-500055, Telangana, INDIA.

Phone: +91-40-44754545

Fax : +91-40-44754555

E-mail: mwu1@vasudhapharma.com

Website: www.vasudhapharma.com

SAFETY DATA SHEET

CYCLOBENZAPRINE HYDROCHLORIDE

SDS Number:	VPCL/SDS/007/01	Effective date:	07/01/2021
-------------	-----------------	-----------------	------------

Page 1 of 7

SECTION 1-IDENTIFICATION OF THE SUBSTANCE

Product Identifier
Substance name :
CAS No. : Cyclobenzaprine Hydrochloride
Formula : 6202-23-9
Synonyms : C20H21N · HCl
 : 5(3Dimethylaminopropylidene)dibenzo[a,e] cycloheptatrienehydrochloride

Intended use of the Product
Use of the substance / mixture : Laboratory chemicals, Manufacture of substances

Company Identification
Company name : VASUDHA PHARMA CHEM LIMITED
Administrative Office : 78/A, VENGALA RAO NAGAR,
 HYDERABAD-500 038.
 TELANGANA, INDIA.

Telephone No. : +91-40-4476 3666, 2371 1717 / 1715
Fax No. : +91-40-23811576 / 4476 3636
E-mail : vasudha@vasudhapharma.com

SECTION 2- HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Inhalation (Category 4)

Acute toxicity, Dermal (Category 4)

Acute toxicity, Oral (Category 3)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Harmful by inhalation, in contact with skin and if swallowed.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word	Danger
Hazard statement(s)	
H301	Toxic if swallowed.
H312 + H332	Harmful in contact with skin or if inhaled
Precautionary statement(s)	
P280	Wear protective gloves/ protective clothing.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

CONFIDENTIAL
UNCONTROLLED & CONFIDENTIAL
MASTER COPY



VASUDHA PHARMA CHEM LIMITED

Unit-I, Plot No: 37/A, 38, 39 A & B, Phase-I, IDA, Jeedimetla, Hyderabad-500055, Telangana, INDIA.

Phone: +91-40-44754545

Fax : +91-40-44754555

E-mail: mwu1@vasudhapharma.com

Website: www.vasudhapharma.com

SAFETY DATA SHEET

CYCLOBENZAPRINE HYDROCHLORIDE

SDS Number:

VPCL/SDS/007/01

Effective date:

07/01/2021

Page 2 of 7

Supplemental Hazard
Statements

None

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrase(s)

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

S-phrase(s)

S36 Wear suitable protective clothing.

SECTION 3-COMPOSITION/INFORMATION ON INGREDIENTS

Name	Product identifier CAS#	%	GHS-EU classification
Cyclobenzaprine hydrochloride	6202-23-9		-

SECTION 4-FIRST-AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

Does not act at neuromuscular junction or directly on skeletal muscle but has overall skeletal muscle relaxing activity.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

SECTION 5-FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

MASTER COPY

UNCONTROLLED
& CONFIDENTIAL



VASUDHA PHARMA CHEM LIMITED

Unit-I, Plot No. 37/A, 38, 39 A & B, Phase-I, IDA, Jeedimetla, Hyderabad-500055, Telangana, INDIA.

Phone: +91-40-44754545

Fax : +91-40-44754555

E-mail: mwu1@vasudhapharma.com

Website: www.vasudhapharma.com

SAFETY DATA SHEET

CYCLOBENZAPRINE HYDROCHLORIDE

SDS Number:

VPCL/SDS/007/01

Effective date:

07/01/2021

Page 3 of 7

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NO_x), Hydrogen chloride gas

5.3 Advice for firefighters

Wear self-contained breathing apparatus for fire fighting if necessary.

5.4 Further information

No data available

SECTION 6-ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate

ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

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

6.4 Reference to other sections

For disposal see section 13.

SECTION 7-HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end uses

no data available

SECTION 8-EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

MASTER COPY

UNCONTROLLED
& CONFIDENTIAL



VASUDHA PHARMA CHEM LIMITED

Unit-I, Plot No. 37/A, 38, 39 A & B, Phase-I, IDA, Jeedimetla, Hyderabad-500055, Telangana, INDIA.

Phone: +91-40-44754545

Fax : +91-40-44754555

E-mail: mwu1@vasudhapharma.com

Website: www.vasudhapharma.com

SAFETY DATA SHEET			
CYCLOBENZAPRINE HYDROCHLORIDE			
SDS Number:	VPCL/SDS/007/01	Effective date:	07/01/2021

Page 4 of 7

contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N99 (US) or type P2 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|---------------------|
| a) Appearance | : Form: solid |
| b) Odour | : No data available |
| c) Odour Threshold | : No data available |
| d) pH | : No data available |
| e) Melting point/freezing point | : No data available |
| f) Initial boiling point and boiling range | : No data available |
| g) Flash point | : No data available |
| h) Evaporation rate | : No data available |
| i) Flammability (solid, gas) | : No data available |
| j) Upper/lower flammability or explosive limits | : No data available |
| k) Vapour pressure | : No data available |
| l) Vapour density | : No data available |
| m) Relative density | : No data available |
| n) Water solubility | : No data available |
| o) Partition coefficient: noctanol/water | : No data available |
| p) Auto-ignition temperature | : No data available |
| q) Decomposition temperature | : No data available |
| r) Viscosity | : No data available |
| s) Explosive properties | : No data available |
| t) Oxidizing properties | : No data available |
| 9.2 Other safety information | : No data available |

SECTION 10-STABILITY AND REACTIVITY

10.1 Reactivity

no data available

10.2 Chemical stability

MASTER COPY

UNCONTROLLED
& CONFIDENTIAL



VASUDHA PHARMA CHEM LIMITED

Unit-I, Plot No. 37/A, 38, 39 A & B, Phase-I, IDA, Jeedimetla, Hyderabad-500055, Telangana, INDIA.

Phone: +91-40-44754545

Fax : +91-40-44754555

E-mail: mwu1@vasudhapharma.com

Website: www.vasudhapharma.com

SAFETY DATA SHEET

CYCLOBENZAPRINE HYDROCHLORIDE

SDS Number:

VPCL/SDS/007/01

Effective date:

07/01/2021

Page 5 of 7

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Other decomposition products - no data available

SECTION 11-TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - mouse - 250 mg/kg

LD50 Intravenous - mouse - 36 mg/kg

LD50 Intraperitoneal - mouse - 90 mg/kg

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

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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

Potential health effects

Inhalation Harmful if inhaled. May cause respiratory tract irritation.

Ingestion Toxic if swallowed.

Skin Harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Signs and Symptoms of Exposure

Does not act at neuromuscular junction or directly on skeletal muscle but has overall skeletal muscle

MASTER COPY**UNCONTROLLED
& CONFIDENTIAL****VASUDHA PHARMA CHEM LIMITED**

Unit-I, Plot No. 37/A, 38, 39 A & B, Phase-I, IDA, Jeedimetla, Hyderabad-500055, Telangana, INDIA.

Phone: +91-40-44754545

Fax : +91-40-44754555

E-mail: mwu1@vasudhapharma.com

Website: www.vasudhapharma.com

SAFETY DATA SHEET**CYCLOBENZAPRINE HYDROCHLORIDE****SDS Number:****VPCL/SDS/007/01****Effective date:**

07/01/2021

Page 6 of 7

relaxing activity.

Additional Information

RTECS: HP0875000

SECTION 12-ECOLOGICAL INFORMATION**12.1 Toxicity**

no data available

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

no data available

12.6 Other adverse effects

no data available

SECTION 13-DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material

with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Dispose of as unused product.

SECTION 14-TRANSPORT INFORMATION**14.1 UN number**

ADR/RID: 2811 IMDG: 2811 IATA: 2811

14.2 UN proper shipping name

ADR/RID: TOXIC SOLID, ORGANIC, N.O.S. (3-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)propyl(dimethyl)ammonium chloride)

IMDG: TOXIC SOLID, ORGANIC, N.O.S. (3-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)propyl(dimethyl)ammonium chloride)

IATA: Toxic solid, organic, n.o.s. (3-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)propyl(dimethyl)ammonium chloride)

14.3 Transport hazard class(es)

ADR/RID: 6.1 IMDG: 6.1 IATA: 6.1

14.4 Packaging group

ADR/RID: III IMDG: III IATA: III

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

MASTER COPY

UNCONTROLLED
& CONFIDENTIAL



VASUDHA PHARMA CHEM LIMITED

Unit-I, Plot No. 37/A, 38, 39 A & B, Phase-I, IDA, Jeedimetla, Hyderabad-500055, Telangana, INDIA.

Phone: +91-40-44754545

Fax : +91-40-44754555

E-mail: mwu1@vasudhapharma.com

Website: www.vasudhapharma.com

SAFETY DATA SHEET

CYCLOBENZAPRINE HYDROCHLORIDE

SDS Number:

VPCL/SDS/007/01

Effective date:

07/01/2021

Page 7 of 7

14.6 Special precautions for user

no data available

SECTION 15-REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

15.2 Chemical Safety Assessment

no data available

SECTION 16-OTHER INFORMATION

The information provided in this Safety Data Sheet (SDS) has been compiled from our experience and the data presented in various technical publications. Above data is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall *Vasudha Pharma Chem Limited* be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if *Vasudha Pharma Chem Limited* has been advised of the possibility of such damages. We reserve the right to revise the SDS from time to time as new information becomes available. It is recommended that the user contact the company to make sure the SDS is in use is the latest one issued.

Compiled by:	Checked by:	Approved by:
Sign:	Sign:	Sign:
Date: 06/01/2021	Date: 06/01/2021	Date: 06/01/2021

