

Section 1: Identification

Product Name CARISOPRODOL USP CIV
Commercial Name CARISOPRODOL
Product Use Active pharmaceutical ingredient
Restrictions On Use Not available.

Product Code 24-3169

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Acute toxicity, oral Category 4 Specific target organ toxicity, single exposure Category 3 narcotic effects
CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) Harmful if swallowed.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention Wash thoroughly after handling. Do not eat, drink or smoke when using this product.
Response If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth.
Storage Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal Dispose of contents/container in accordance with local/regional/national/international regulations

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Carisoprodol
% By Weight 100
CAS# 78-44-4
Molecular Weight 260.33
Chemical Formula C₁₂H₂₄N₂O₄
Synonym(s) N-isopropyl-2-methyl-2-propyl-1,3-propanediol dicarbamate

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Carisoprodol	78-44-4	100	Not available	Not available

Section 4: First-Aid Measures

Inhalation	Remove casualty to fresh air and keep warm and at rest.
Skin Contact	Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. Wash thoroughly the body (shower or bath).
Eye Contact	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Ingestion	Give nothing to eat or drink. Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY
Symptoms/Effects	
Acute	None
Delayed	None

Immediate Medical Attention

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Treatment: None

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Suitable extinguishing media: Water spray Carbon dioxide (CO₂) Dry chemical Extinguishing media which must not be used for safety reasons: Avoid water jets to disperse the product

Unsuitable Extinguishing Media

Avoid water jets to disperse the product

Products of Combustion

Do not inhale explosion and combustion gases. Burning produces heavy smoke.

Firefighters Special Equipment and Precautions

Use suitable breathing apparatus . Wear respirator, gloves, protective footwear. CAUTION: Pressurized containers may explode when exposed to fire. It's recommended the use of breathing apparatus and full protection for fire fighting, since the combustion of this substance may generate toxic fumes, corrosive and flammable. If possible, contain water used for fire fighting and collect for later disposal Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

Section 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures For non emergency personnel: Wear personal protection equipment. Remove persons to safety. See protective measures under point 7 and 8. For emergency responders: Wear personal protection equipment. 6.2. Environmental precautions Circumscribe the area of the spill and prevent the staff will come into contact if not properly protected. Avoid flames, sparks and prevent static buildup. Avoid generation of dust. Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand 6.3. Methods and material for containment and cleaning up Wash with plenty of water.

Section 7: Handling and Storage

7.1 Precautions for safe handling Avoid contact with skin and eyes, inhalation of vapours and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. See also section 8 for recommended protective equipment. Advice on general occupational hygiene: Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. 7.2. Conditions for safe storage, including any incompatibilities Keep away from food, drink and feed. Incompatible materials: None in particular. Instructions as regards storage premises: Adequately ventilated premises. 7.3. Specific end use(s) None in particular

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Control parameters No occupational exposure limit available DNEL Exposure Limit Values Not available PNEC Exposure Limit Values Not available
Engineering Controls	None

Personal Protection

Eye protection: Not needed for normal use. Anyway, operate according good working practices.

Protection for skin: No special precaution must be adopted for normal use. Protection for hands: Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection: Not needed for normal use. Provide exhaust systems in the workplace. Avoid inhalation of vapors and dust. Adequate ventilation to the premises where the product is stored and / or manipulated, however, avoid excessive ventilation and dust dispersed generation. Change clothes at the end of shift

Section 9: Physical and Chemical Properties

Appearance	Solid		
Odor	N/A		
Odor Threshold	Not available.		
Melting Point	92C	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	N/A
Boiling Point/Range	N/A	Vapor Density	N/A
Decomposition temperature	Not available.	Viscosity	N/A
Partition Coefficient: n-octanol/water	N/A	Evaporation Rate	Not available.
Flash Point	N/A	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	N/A		
Other	N/A		

Section 10: Stability and Reactivity

Reactivity	Stable under normal conditions
Chemical Stability	Stable under normal conditions
Hazardous Polymerization	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	Stable under normal conditions
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	The substance evolves toxic fumes due to the presence of CO, CO2, NOx

Section 11: Toxicological Information**RTECS** N/A**Acute Toxicity**

Harmful if swallowed.

Skin Corrosion/Irritation

Not available

Serious Eye Damage/Irritation

Not available

Respiratory or Skin Sensitization

Not available.

Germ Cell Mutagenicity

May cause genetic defects.

Carcinogenicity

Not available.

Reproductive Toxicity

Not available.

Routes of Entry

Inhalation May cause drowsiness and dizziness

Symptoms Related to Exposure

Not classified

Potential Health Effects

Not available.

Target Organ(s)

Not available.

Section 12: Ecological Information**Ecotoxicity**

Adopt good working practices, so that the product is not released into the environment

Persistence and Degradability

Not available

Bioaccumulative Potential

Not available

Mobility in Soil

Not available.

Other Adverse Effects

Not available

Section 13: Disposal Considerations**Waste Disposal**

Recover if possible. In so doing, comply with the local and national regulations currently in force.

Disposal of Container

Recover if possible. In so doing, comply with the local and national regulations currently in force.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

The product is not listed as dangerous according to transport regulations RID/ADR/IMDG/ICAO.

Section 15: Regulatory Information**Regulations**

R phrases: R20/21/22 Harmful by inhalation, in contact with skin and if swallowed. S phrases: S22 Do not breath dust. S36 Wear suitable protective clothing.

Other

N/A

Section 16: Other Information

N/A