

SAFETY DATA SHEET

1. Identification

1.1 Toxicological information

Trade name: Dimethocaine (hydrochloride)

Synonym: 3-(diethylamino)-2,2-dimethyl-1-(4-aminobenzoate)-1-propanol, monohydrochloride

CAS Number: 553-63-9

1.2 Ecological information

This product is for research use - Not for human or veterinary diagnostic or therapeutic use.

1.3 Disposal considerations

Pichi Pacha

Pettelaarpark 84

5216 PP 's-Hertogenbosch

Netherlands

BTW NL 004223211B42

1.4 Emergency telephone number

112 or 061

2. Hazard(s) identification

2.1 Classification of the substance or mixture

The substance is classified according to the Globally Harmonized System (GHS).

Acute Toxicity - Oral 4 H302 Harmful if swallowed.

Acute Toxicity - Dermal 4 H312 Harmful in contact with skin.

Acute Toxicity - Inhalation 4 H332 Harmful if inhaled.

2.2 Label elements

Hazard pictogram(s)



GHS07

Signal word: Warning

Hazard statement(s)

H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled.

Precautionary statement(s)

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P302+P352 IF ON SKIN: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P321 Specific treatment (see on this label).

P330 Rinse mouth.

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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2.3 Classification system

NFPA ratings (scale 0-4)



• HMIS-ratings (scale 0 - 4)



- Andere gevaren
- Resultaten van PBT- en vPvB-beoordeling
- PBT: Niet toepasbaar
- vPvB: Niet toepasbaar

Health = 2

Fire = 0

Reactivity = 0

HMIS ratings (scale 0-4)

Health = 2, Fire = 0, Reactivity = 0

2.4 Other hazards

PBT: Not applicable. vPvB: Not applicable.

3. Composition/information on ingredients

3.1 Substances

Chemical characterization: Dimethocaine (hydrochloride)

CAS Number: 553-63-9

4. First-aid measures

4.1 Description of first aid measures

General information:

No special measures required.

After inhalation:

Supply fresh air. Consult doctor in case of complaints.

After skin contact:

Generally the product does not irritate the skin.

After eye contact:

Rinse opened eye for several minutes under running water.

After swallowing:

If symptoms persist, consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

May cause anaemia, cough, central nervous system depression, drowsiness, headache, heart damage, lassitude, liver damage, narcosis, reproductive effects, teratogenic effects. No further relevant information available.

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4.3 Indication of immediate medical attention and special treatment needed

No further relevant information available.

5. Fire-fighting measures

5.1 Extinguishing media

Use fire fighting measures that suit the environment. A solid water stream may be inefficient.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

No special measures required.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Not required.

6.2 Environmental precautions

Do not allow to enter sewers/surface or ground water.

6.3 Methods and material for containment and cleaning up

Pick up mechanically.

7. Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. No special measures required for protection against explosions and fires.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with information listed on the product insert. Keep container tightly closed.

8. Exposure controls/personal protection

8.1 Control parameters

Components with limit values that require monitoring at the workplace: Not required.

8.2 Appropriate engineering controls

No further data; see section 7.

8.3 Individual protection measures

Breathing equipment:

Use a respiratory filter device for short-term exposure or low contamination. Use a self-contained breathing apparatus for intensive or longer exposure.

Hand protection:

Protective gloves. The glove material must be impermeable and resistant to the product. Selection based on penetration times, diffusion rates and degradation.

Eye protection:

Not required.

9. Physical and chemical properties

Form: Solid

Colour: According to product specification

Odour: Characteristic

Structural formula: $C_{16}H_{26}N_2O_2 \cdot HCl$

Molecular weight: 314.9 g/mol

Odour threshold: Not determined.

pH: Not applicable

Melting point/melting range: Undetermined.

Boiling point/boiling range: Undetermined.

Flash point: Not applicable

Flammability (solid, gaseous): Product is not flammable.

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Decomposition temperature: Not determined.

Ignition temperature: Not determined.

Danger of explosion: Product does not present an explosion hazard.

Vapour pressure: Not applicable

Density: Not determined.

Solubility in water: Soluble.

Partition coefficient (n-octanol/water): Not determined.

Viscosity: Not applicable

DMSO: 20 mg/ml; Ethanol: 16 mg/ml; PBS (pH 7.2): 10 mg/ml

VOC content: 0.00%, Solids content: 100.0%

10. Stability and reactivity

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

No dangerous decomposition products known.

11. Toxicological information

11.1 Information on toxicological effects

LD/LC50 values relevant for classification: SQ LDLO 300 mg/kg (mouse)

On the skin:

No irritant effect.

On the eye:

No irritant effect.

Sensitization:

No sensitizing effects known.

11.2 Carcinogenic categories

IARC: Substance is not listed.

NTP: Substance is not listed.

OSHA-Ca: Substance is not listed.

12. Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 PBT and vPvB assessment

PBT: Not applicable. vPvB: Not applicable.

12.6 Other adverse effects

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Water hazard class 1: slightly hazardous for water. Do not allow undiluted product or large quantities to reach ground water, water course or sewage system.

13. Disposal considerations

13.1 Waste treatment methods

Product:

May not be disposed of with household waste. Do not allow product to reach sewage system.

Uncleaned packaging:

Disposal must be made according to official regulations.

14. Transport information

14.1 UN Number

UN2811 (DOT, IMDG, IATA: not regulated)

14.2 UN proper shipping name

DOT, IMDG, IATA: not regulated

14.3 Transport hazard class(es)

DOT, ADN, IMDG, IATA: not regulated

14.4 Packing group

DOT, IMDG, IATA: not regulated

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk

Not applicable

15. Regulatory information

15.1 Safety, health and environmental regulations

SARA Section 355: Substance is not listed.

SARA Section 313: Substance is not listed.

TSCA: Substance is not listed.

Hazardous Air Pollutants: Substance is not listed.

15.2 Proposition 65

Chemicals known to cause cancer: Substance is not listed.

Chemicals known to cause reproductive toxicity for females: Substance is not listed.

Chemicals known to cause reproductive toxicity for males: Substance is not listed.

Chemicals known to cause developmental toxicity: Substance is not listed.

15.3 Carcinogenic categories

EPA: Substance is not listed.

TLV: Substance is not listed.

NIOSH-Ca: Substance is not listed.

16. Other information

Abbreviations and acronyms

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

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LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

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All chemicals may pose unknown hazards and should be used with caution. This SDS applies only to the material as packaged. Pichi Pacha assumes no responsibility for incidental or consequential damages, including lost profits, arising from the use of these data. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Pichi Pacha assumes no responsibility for the completeness or accuracy of the information contained herein.

End of safety data sheet