

SAFETY DATA SHEET

1. Identification

1.1 Toxicological information

Trade name: deschloro-N-ethyl-Ketamine (hydrochloride)

Synonym: 2-(ethylamino)-2-phenyl-cyclohexanone, monohydrochloride

CAS Number: 4551-92-2

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 and labelled according to the Globally Harmonized System (GHS).



GHS07

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.

SAFETY DATA SHEET

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.

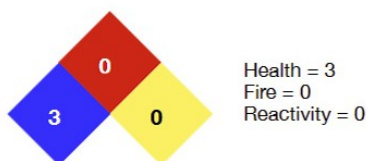
P362+P364 Take off contaminated clothing and wash it before reuse.

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

2.3 Classification system

NFPA ratings (scale 0-4)

- Classification system:
- NFPA ratings (scale 0 - 4)



- HMIS-ratings (scale 0 - 4)



Health = 3

Fire = 0

Reactivity = 0

HMIS ratings (scale 0-4)

Health = 3, Fire = 0, Reactivity = 0

2.4 Other hazards

PBT: Not applicable. vPvB: Not applicable.

3. Composition/information on ingredients

3.1 Substances

Chemical characterization: deschloro-N-ethyl-Ketamine (hydrochloride)

CAS Number: 4551-92-2

4. First-aid measures

4.1 Description of first aid measures

SAFETY DATA SHEET

General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.

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:

Immediately call a doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

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

Mouth respiratory protective device.

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

Ensure adequate ventilation.

7. Handling and storage

7.1 Precautions for safe handling

Thorough dedusting. 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 receptacle tightly sealed.

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:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

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:

SAFETY DATA SHEET

Not required.

9. Physical and chemical properties

Form: Solid

Colour: Not determined.

Odour: Characteristic

Structural formula: C₁₄H₁₉NO * HCl

Molecular weight: 253.8 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.

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: Not determined.

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

Viscosity: Not applicable

DMF: 5 mg/ml; DMSO: 10 mg/ml; Ethanol: 10 mg/ml; PBS (pH 7.2): 5 mg/ml

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

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

SAFETY DATA SHEET

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

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:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

Disposal must be made according to official regulations.

14. Transport information

14.ber UN Number

DOT, IMDG, IATA: not regulated

14. _name UN proper shipping name

DOT, IMDG, IATA: not regulated

14. _class Transport hazard class(es)

DOT, IMDG, IATA: not regulated

14.roup 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.

SAFETY DATA SHEET

NIOSH-Ca: Substance is not listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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)

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

Acute Toxicity - Oral 4: Acute toxicity - Category 4

Issued on: 20 Augustus 2026

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