

MATERIAL SAFETY DATA SHEET
PROPAFENONE HYDROCHLORIDE

Date: 26.08.2004
Supersedes: 29.01.2004

1. SUBSTANCE/PRODUCT AND COMPANY IDENTIFICATION

PROPAFENONE HYDROCHLORIDE

Company: Fermion Oy

Address P.O. Box 28
FIN-02101 Espoo
Finland

Tel.Int. +358-10-4291
Telefax +358-9-452 1764

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature:

PROPAFENONE HYDROCHLORIDE 98 – 100 %

Chemical name: 1-Propanone, 1-{2-[2-Hydroxy-3-(propylamino)-propoxy]phenyl}-3-phenyl hydrochloride
CAS: 34183-22-7 (propafenone hydrochloride);
54063-53-5 (propafenone)
EINECS: -

Product usage: Drug substance. Antiarrhythmic agent.

3. HAZARD IDENTIFICATION

Harmful if swallowed. Apparently harmful by inhalation and in contact with skin.

4. FIRST AID MEASURES

- 4.2 Inhalation: Remove to fresh air.
- 4.3 Skin contact: Wash with soap and plenty of water.
- 4.4 Eye contact: Flush with plenty of water for at least 15 minutes. Seek medical advice.
- 4.5 Ingestion: Induce vomiting. Give activated charcoal. Seek medical advice immediately.

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Emits toxic and highly corrosive fumes of nitrogen oxides and hydrogen chloride in fire.

6. ACCIDENTAL RELEASE MEASURES6.3 Methods for cleaning up:

Collect the material into containers. Ventilate the area and clean the place.

7. HANDLING AND STORAGE7.1 Handling: Handle with care avoiding exposure and contamination.7.2 Storage: Store in airtight containers in a cool place protected from light.**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**8.2 Exposure controls

8.2.1 Occupational exposure controls:

Use only in well-ventilated areas.

8.2.1.1 Respiratory protection:

Particle filtering device (P3) or compressed air line breathing apparatus.

8.2.1.2 Hand protection: Safety gloves.

8.2.1.3 Eye protection: Face shield or goggles.

8.2.1.4 Skin protection: Protective clothing.

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White, crystalline powder; slightly hygroscopic.

9.2 Important health, safety and environmental information

9.2.1 pH-value: -

9.2.2 Boiling point: -

9.2.3 Flash point: -

9.2.4 Flammability: -

9.2.5 Explosive properties

9.2.5.1 Lower explosion point:

-

9.2.5.2 Upper explosion point:

-

9.2.6 Oxidising properties: -

9.2.7 Vapour pressure: -

9.2.8 Relative density: -

9.2.9 Solubility

9.2.9.1 Water solubility: Soluble in hot water. Slightly soluble in cold water.

9.2.9.2 Fat solubility (solvent-oil to be specified):

Soluble in methanol.

9.2.10 Partition coefficient: n-octanol/water:

-

9.2.11 Viscosity: -

9.2.12 Vapour density: -

9.2.13 Evaporation rate: -

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9.3 Other information: Melting point: 172 – 175 °C

10. STABILITY AND REACTIVITY

Stabile in normal conditions.

11. TOXICOLOGICAL INFORMATION11.1 Acute toxicity: LD₅₀ = 700 mg/kg (rat, oral) (for Propafenone)11.2 Irritation and corrosiveness:

May irritate skin, eyes and respiratory tract.

11.5 Empirical data on effects on humans:

The most common adverse effects include gastrointestinal disturbances, disturbed taste, dry mouth, blurred vision, headache and fatigue. Cardiovascular effects like hypotension and arrhythmias.

12. ECOLOGICAL INFORMATION

-

13. DISPOSAL CONSIDERATIONS

In accordance with local and state laws and instructions.

14. TRANSPORT INFORMATION

ADR/RID: Not restricted.

IMDG: Not restricted.

ICAO/IATA: Not restricted.

15. REGULATORY INFORMATION15.1 Information on the warning label

15.1.1 Letter code of the warning symbol and indications of danger for the preparation:

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Supersedes: 29.01.2004

Xn Harmful

15.1.3 R-phrase(s):

R22 Harmful if swallowed.

15.1.4 S-phrase(s):

S22 Do not breathe dust.

S36/37 Wear suitable protective clothing and gloves.

S51 Use only in well-ventilated areas.

16. OTHER INFORMATION16.1 List of the relevant R phrases:

Harmful if swallowed.

16.5 Sources of key data used:Martindale: The Extra Pharmacopoeia, 31st Edition,
The Pharmaceutical Press. London 1996; 935.16.6 Information which has been added, deleted or revised:

The information above is based on available knowledge, literature and experience and cannot be considered as complete. For further information, please contact:

FERMION OY

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