

SAFETY DATA SHEET

FENTOLAMIN, HYDROKLORID

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

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| Product name | FENTOLAMIN, HYDROKLORID |
| In-house No. | 4747 |
| Supplier | Fisher Scientific AB gtf.info@thermofisher.com Södra Långebergsgatan 30 SE-421 32 Västra Frölunda Tel: 031-689400 Fax: 031-680717 |
| EU index No. | 0 |
| EC No. | 200-793-5 |
| Gross formula | C ₁₇ H ₁₉ N ₃ O HCl |
| CAS No. | 73-05-2 |

2. HAZARDS IDENTIFICATION

EYE CONTACT: can irritate the eyes. SKIN CONTACT: may give irritations to the skin. INGESTION: harmful if swallowed. INHALATION: may irritate the mucous membranes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

See section 16 for explanations to R-phrases

4. FIRST AID MEASURES

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| Inhalation | Move the exposed person to fresh air at once. Provide rest, warmth and fresh air. |
| Ingestion | Promptly get affected personnel to drink large volumes of water to dilute the swallowed chemical. Contact physician. |
| Skin | Wash skin thoroughly with soap and water. |
| Eyes | Rinse the eye with water immediately. |

5. FIRE-FIGHTING MEASURES

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| Extinguishing media | Fire can be extinguished using: Powder, foam or CO ₂ . Water spray, fog or mist. |
| Special fire fighting procedures | Avoid breathing fire vapours. |

6. ACCIDENTAL RELEASE MEASURES

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| Spill cleanup methods | Avoid contact with skin or inhalation of spillage, dust or vapour. Small amounts could be picked up using moist disposable cloth. |
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7. HANDLING AND STORAGE

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| Usage precautions | Avoid spilling, skin and eye contact. Eye wash station should be available at the |
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| | work place. |
| Storage precautions | Store in a safe place away from children and not together with or near food, animal feed or medicines etc. |
| Storage criteria | Chemical storage. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| Ventilation | Work in fume cupboard. |
| Respirators | If ventilation is insufficient, suitable respiratory protection must be provided. |
| Protective gloves | Use protective gloves made of: Rubber or plastic. |
| Eye protection | Wear approved safety goggles. |
| Hygienic work practices | Wash at the end of each work shift and before eating, smoking and using the toilet. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance | Solid. Crystals. | | |
| Colour | Colourless. | | |
| Odour | Unknown. | | |
| Solubility description | Slightly soluble in water. Ethanol. Chloroform. Methanol. Insoluble in: Acetone. | | |
| Solubility value (g/100g H2O 20°C) | 2.00 | | |
| Molecular weight | 317.85 | | |
| Melting/freezing point (°C, interval) | - 239 - 240 | | |
| pH-value, diluted solution | 4.50 | Concentration %M | 1% |
| Flash point (°C) | > | Method | |

10. STABILITY AND REACTIVITY

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| Stability | Normally stable. |
| Conditions to avoid | Medical product. |
| Materials to avoid | Unspecified. |
| Hazardous decomp. products | Fire creates: Toxic gases/vapours/fumes of: Carbon dioxide (CO2). Carbon monoxide (CO). Nitrous gases (NOx). |

11. TOXICOLOGICAL INFORMATION

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| Toxic dose - LD 50: | 1250.00 mg/kg (oral rat) |
| Health warnings | SYMPTOMS AFTER INGESTION. Diarrhoea. Muscular weakness. |
| Route of entry | Ingestion. |
| Target organs | Blood. Gastrointestinal tract. Heart & cardiovascular system. |

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

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| Disposal methods | Confirm disposal procedures with environmental engineer and local regulations. |
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14. TRANSPORT INFORMATION

15. REGULATORY INFORMATION

EC no. 200-793-5

16. OTHER INFORMATION

* Information revised since the previous version of the SDS

Information sources

Registry of Toxic Effects of Chemical Substances (RTECS). The Merck Index, 11. edition, 1989. The Extra Pharmacopoeia, Martindale, 1982, 1989. Laegemiddelkataloget, 1989. Sigma-Aldrich Material Safety Data Sheets on CD-ROM.