

Safety data sheet

according to 91/155/EEC

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BASF Safety data sheet
Date / revised: 15.11.2001
Product: Xylometazoline HCl Crystal

ME 01128-BPCG (D/E)
version 2.01

(Print date: 17.03.2003)

1. Substance/preparation and company name

Xylometazoline HCl Crystal

Company:

BASF Aktiengesellschaft
Unternehmensbereich Feinchemie
67056 Ludwigshafen, Deutschland
Telephone: +49-621-60-46077
Telefax number: +49-621-60-8607434

Emergency information:

BASF works fire brigade BASF Ludwigshafen
Telephone: 0621-60-43333
Telefax number: 0621-60-92664

2. Composition/information on ingredients

Chemical nature

xylometazolin hydrochloride

CAS-No. 1218-35-5

EINECS-No. 214-936-4

3. Possible hazards

Advice on critical hazards to man and the environment:

Toxic by inhalation and if swallowed.

4. First aid measures

General advice: Remove contaminated clothing.

If inhaled: keep patient calm, remove to fresh air, summon medical help

On skin contact: Wash with soap and water.

On contact with eyes: Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion: Immediately rinse mouth and then drink plenty of water, summon physician.

5. Fire fighting measures

Suitable extinguishing media: water, dry extinguishing media, carbon dioxide (CO₂), foam

The following can be given off in a fire: HCl

Further information: Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

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6. Accidental release measures

Personal precautions: Ensure adequate ventilation.

Environmental precautions: Do not let product enter drains.
Prevent product from entering water courses or the ground.

Methods for cleaning up: Sweep up and then dispose of.

7. Handling and storage

Handling

Protection against fire and explosion: prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy

Storage

Keep tightly sealed. Protect from light.

8. Exposure controls and personal protection

Additional information on the lay-out of technical plant
(see 7)

Components with workplace control parameters
none

Personal protective equipment

Respiratory protection: dust mask

Hand protection: protective gloves

Eye protection: Wear eye/face protection.

General safety and hygiene measures: The usual precautions for the handling of chemicals must be observed.

9. Physical and chemical properties

Form: crystalline powder
Colour: white - green yellow
Odour: almost odourless

Change in physical state

combustibility: flammable

explosion hazard: non-explosive

dust explosion hazard class: ST 3

Bulk density: 600 kg/m3

solubility in water: soluble

pH value: (at 100 g/l, 'C) 5,0-6,6

10. Stability and reactivity

Thermal decomposition: unknown

Hazardous decomposition products: unknown

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11. Toxicological information

Acute toxicity (*)

LD50/oral/rat: 122 mg/kg
 LC50/inhal./rat: 0,47<LC50<1,08 mg/l / 4 h

primary skin irritation/rabbit/: non-irritant

(*) literature data

12. Ecological information

Elimination information (*)

method of analysis: BSB
 evaluation: not readily biodegradable (<20%)

(*) literature data

Behaviour and environmental fate

no data available

Ecotoxic effects

no data available

Further ecological information

Do not discharge product into natural waters without pretreatment
 (biological treatment plant).

13. Disposal considerations

Must be disposed of by special means, e.g. suitable incineration, in
 accordance with local regulations.

14. Transport information

Land transport

ADR/RID Class: 6.1 Packaging group: II
 Warning panel Hazard-no: 60 Substance no.: 2811
 UN-No: 2811
 Description of the goods: GIFTIGER ORGANISCHER FESTER STOFF, N.A.G.
 (XYLOMETAZOLIN INN).
 Remarks:

Inland waterway transport

ADN/ADNR Class: 6.1 Packaging group: II
 Description of the goods: GIFTIGER ORGANISCHER FESTER STOFF, N.A.G.
 (XYLOMETAZOLIN INN).
 Remarks:

Sea transport

IMDG/GGVSee Class: 6.1 UN-No: 2811 PG: II
 EMS: 6.1-04 MFAG: 805
 Marine pollutant:
 Proper technical name: TOXIC SOLID, ORGANIC, N.O.S. (XYLOMETAZOLIN
 INN).
 Remarks:

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Air transport

ICAO/IATA Class: 6.1 UN/ID-No.: 2811 PG: II
Proper technical name: TOXIC SOLID, ORGANIC, N.O.S. (XYLOMETAZOLIN
INN).
Remarks:

Other information

15. Regulatory information

Labelling according to EEC Directives:

T - Toxic

R23/25 - Toxic by inhalation and if swallowed.

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

National legislation/regulations:

16. Other information

A backslash in the left hand margin indicates an amendment from the previous version.

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.