

Effective Date 14.08.2015  
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### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Trade name: Tamsulosin hydrochloride  
CAS-number: 106463-17-6

Reach registration number: NA

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

The uses of the chemical: Active pharmaceutical ingredients  
Classification of the economic activities (NACE): 212  
Use categories (UC62): 41

#### 1.3. Details of the supplier of the safety data sheet:

Manufacturer/importer: Fermion Oy  
Street address: Koivu-Mankkaan tie 6 A  
Post-office box: P.O. Box 28  
Postcode: 02101 Espoo, Finland  
Telephone number: +358 10 4261  
Telefax: +358 0 9452 1764  
E-mail address: chemicalsafety@orion.fi  
VAT Reg. No: FI18552129

#### 1.4. Emergency telephone number

Poison Center: +358 9 471 977

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification according to regulation EC 1272/2008	Acute Tox. 4	H332,H312,H302,
H Statements	Harmful if inhaled. Harmful in contact with skin. Harmful if swallowed.	

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**2.2. Label elements**

**Hazard Pictograms**



**Signal word** Warning

**H Statements**

- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H332 Harmful if inhaled.

**P Statements**

- P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P501 Dispose of contents according to national and local law.

**2.3. Other hazards**

-

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1. Substances**

Name of the ingredient	CAS-number:	EC-number	Reach registration number:
Tamsulosin hydrochloride	106463-17-6	-	NA

**Request for Confidentiality by Annex 2** No

**Substance indicated Confidential** No

**Other information** -

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#### SECTION 4: FIRST AID MEASURES

##### 4.1. Description of first aid measures

<b>Inhalation</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention.
<b>Skin contact</b>	Remove/Take off immediately all contaminated clothing. IF ON SKIN: Wash with soap and water.
<b>Eye contact</b>	IF IN EYES: Rinse continuously with water for several minutes. Get medical advice/attention.
<b>Ingestion</b>	Do not induce vomiting. If the patient is conscious, give plenty of water (2 - 4 glasses), and let the charcoal (approximately 20 tablets), or give activated charcoal slurry (2 - 4 glasses). Get medical advice/attention.

##### 4.2. Most important symptoms and effects, both acute and delayed

Data not available.

##### 4.3. Indication of any immediate medical attention and special treatment needed

Data not available.

#### SECTION 5: FIRE-FIGHTING MEASURES

##### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Carbon dioxide Foam Water Powder
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### 5.2. Special hazards arising from the substance or mixture

May emit toxic fumes of oxides of carbon, nitrogen and sulphur during heating or fire.  
May emit toxic fumes of hydrogen chloride during heating or fire.

### 5.3. Advice for fire-fighters

**Special protective equipment for fire-fighters** Isolating breathing apparatus eg. compressed breathing apparatus and isolating protective clothing.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required.

### 6.2. Environmental precautions

Data not available.

### 6.3. Methods and material for containment and cleaning up

Collect spilled powder without dusting into tight closed container.

### 6.4. Reference to other sections

See Section 8 and 13

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## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Handle in well-ventilated space.  
All exposure must be avoided.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed.  
Protect from sunlight.  
Store in a well ventilated place.  
See incompatible materials in section 10.5.

### 7.3. Specific end use(s)

No information identified.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

International OEL values	-
DNELs	-
PNECs	-

### 8.2. Exposure controls

#### Appropriate engineering controls

Do not get in eyes, on skin, or on clothing.

#### Respiratory protection

Respirator with filter P3, in dust making work wear isolating breathing apparatus.  
See particular department's regulations of protection.

#### Hand protection

Use protective gloves (e.g. nitrile or neopren gloves).

#### Eye protection

Use protective goggles.

#### Skin protection

Use normal working clothes.

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**Environmental exposure controls**  
Avoid release to the environment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Physical state	Powder
Colour	White
Odour	Odourless
Odour threshold	-

### 9.1. Information on basic physical and chemical properties

Melting point 226 - 228 °C

Water solubility Soluble

### 9.2. Other information

-

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Stable in normal conditions.

### 10.2. Chemical stability

Stable when stored and handled according to instructions of use.

### 10.3. Possibility of hazardous reactions

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#### 10.4. Conditions to avoid

Moisture  
Light

#### 10.5. Incompatible materials

Alkalis

#### 10.6 Hazardous decomposition products

May emit toxic fumes of oxides of carbon, nitrogen and sulphur during heating or fire.  
May emit toxic fumes of hydrogen chloride during heating or fire.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

<b>Acute toxicity</b>	Harmful if swallowed. LD50 = 650 mg/kg (rat, oral)
<b>Skin irritation and corrosion</b>	May irritate the skin.
<b>Skin sensitization</b>	Data not available.
<b>Serious eye damage and irritation</b>	Data not available.
<b>Respiratory irritation</b>	May cause respiratory irritation.
<b>Respiratory sensitization</b>	Data not available.
<b>Carcinogenicity</b>	Data not available.
<b>Germ cell mutagenicity</b>	Data not available.
<b>Reproductive toxicity</b>	Data not available.
<b>STOT-single exposure</b>	Data not available.
<b>STOT-repeated exposure</b>	Data not available.

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**Aspiration hazard** Data not available.

**Repeated dose toxicity** Data not available.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Aquatic toxicity

Data not available.

#### Toxic effects on other organisms

Data not available.

### 12.2. Persistence and degradability

Data not available.

### 12.3. Bioaccumulative potential

**Octanol-water partition coefficient(KOW)** Data not available.

**Bioconcentration factor** Data not available.

### 12.4. Mobility in soil

Data not available.



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#### 12.5. Results of PBT and vPvB assessment

Data not available.

#### 12.6. Other adverse effects

Data not available.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

Chemical incinerator equipped with an afterburner and scrubber is the recommended method of disposal for this material. Observe all local and national regulations when disposing of this material.

### SECTION 14: TRANSPORT INFORMATION

#### 14.1. UN Number

-

#### 14.2. UN Proper shipping name

#### 14.3. Transport hazard class(es) (ADR/RID,IMDG,ICAO/IATA)

This product is not regulated under the transport regulations.

#### 14.4. Packing group

-

#### 14.5. Environmental hazard

-

#### 14.6. Special precautions for user

-

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not applicable

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#### SECTION 15: REGULATORY INFORMATION

##### 15.1. Safety, health and environmental regulations/legislation specific for substance or mixture

The product has not been fully tested.

##### 15.2. Chemical Safety Assessment

No

#### SECTION 16: OTHER INFORMATION

##### Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Fermion Oy shall not be held liable for any damage resulting from handling or from contact with the above product.

##### Sources of key data used to compile the Safety Data Sheet

Information provided by the supplier

##### Information which has been added, deleted or revised

Updated section / sections:  
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