

## SAFETY DATA SHEET

### MÄRKPENNA Artline 19 55820203

Last changed: 10/07/2012

Replaces date: 03/07/2002

Internal No: 55820203

#### 1 Identification of the substance/mixture and of the company/undertaking

##### 1.1 Product identifier

Trade name / designation MÄRKPENNA Artline 19 55820203  
GROUP NAME Märkpennor

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

###### Vendor art. number

55820104

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

###### NATIONAL MANUFACTURER/IMPORTER

Enterprise AB THURE BÜNGER  
Address BRUKSVÄGEN 4  
Postal code 342 35 ALVESTA  
Country SVERIGE  
Telephone +46 472 453 53

#### 2 Hazards identification

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

DPD Classification:

CLP Classification:

Most important HSE hazard effects:

##### 2.2 Label elements

Signal word: None

EC-Label: No

###### COMPOSITION

xylene (< 2 %)

###### SUPPLEMENTAL HAZARD INFORMATION (EU)

Not classified.

##### 2.3 Other hazards

###### OTHER HAZARDS

Inhalation of high contents may cause headache, nausea and dizziness. Protracted or repeated contact may irritate the skin. Risk of eczema. May be irritating to eyes. Ingestion of large quantities may cause nausea and vomiting.

#### 3 Composition/information on ingredients

##### 3.2 Mixtures

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Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	DPD-Classification	CLP-classification
xylene		215-535-7	1330-20-7	< 2 %	Xn,R10 - R20/21 - R38	Flam. Liq. 3 H226 Acute Tox. 4 H312 Acute Tox. 4 H332 Skin Irrit. 2 H315

Full text of R-, H- and EUH-phrases: see section 16.

The EUH hazard statements mentioned in CLP-classification are only label elements.

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### 4 First aid measures

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#### 4.1 Description of first aid measures

##### INHALATION

Provide rest, warmth and fresh air.

##### INGESTION

DO NOT INDUCE VOMITING! Consult a doctor if symptoms should occur.

##### SKIN CONTACT

Wash skin with soap and water.

##### EYE CONTACT

Rinse with water. Contact physician if discomfort continues.

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

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

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### 5 Fire-fighting measures

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#### 5.1 Extinguishing media

##### SUITABLE EXTINGUISHING MEDIA:

Fire may be extinguished using powder, foam or carbon dioxide (CO<sub>2</sub>).

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#### 5.2 Special hazards arising from the substance or mixture

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#### 5.3 Advice for fire-fighters

##### ADVICE FOR FIREFIGHTERS

Respiratory protection may be required.

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### 6 Accidental release measures

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

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#### 6.2 Environmental precautions

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

##### METHODS AND MATERIAL

Collect mechanically. May be removed like normal waste.

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#### 6.4 Reference to other sections

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### 7 Handling and Storage

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#### 7.1 Precautions for safe handling

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

##### CONDITION FOR SAFE STORAGE, INCLUDING ANY UNCOMPATIBILITIES

Keep container dry. Keep in a cool place. Keep away from sources of ignition.

#### 7.3 Specific end uses

### 8 Exposure controls / Personal protection

#### 8.1 Control parameters

#### 8.2 Exposure controls

##### APPROPRIATE ENGINEERING CONTROLS

Use only in well-ventilated areas.

##### EYE PROTECTION

Avoid contact with eyes.

##### SKIN PROTECTION

Avoid prolonged or repeated contact.

### 9 Physical and chemical Properties

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

Parameter	Value/unit	Method/reference	Observation
pH concentrate	No data		
pH in solution	No data		
Melting point	No data		
Freezing point	No data		
Initial boiling point and boiling range	No data		
Flash point	No data		
Evaporation rate	No data		
Flammability (solid, gas)	No data		
Flammability limits	No data		
Explosion limits	No data		
Vapour pressure	No data		
Vapour density	No data		
Relative density	No data		
Partition coefficient	No data		
Auto-ignition temprature	No data		
Decomposition temprature	No data		
Viscosity	No data		

#### 9.2 Other safety information

Parameter	Value/unit	Method/reference	Observation
Bläckets täthet:	0,9 g/cm <sup>3</sup>		

Note no.	Comments

### 10 Stability and Reactivity

#### 10.1 Reactivity

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### 10.2 Chemical stability

#### CHEMICAL STABILITY

NOT TRANSLATED

### 10.3 Possibility of hazardous reactions

### 10.4 Conditions to avoid

### 10.5 Incompatible materials

### 10.6 Hazardous decomposition products:

## 11 Toxicological information

### 11.1 Toxicological effects

#### SKIN CORROSION/IRRITATION

Avoid prolonged or repeated contact. Risk of eczema.

#### SERIOUS EYE DAMAGE/IRRITATION

May be irritating to eyes.

## 12 Ecological information

### 12.1 Toxicity

### 12.2 Persistence and degradability

### 12.3 Bioaccumulative potential

### 12.4 Mobility in soil

### 12.5 Results of PBT and vPvB assessment

### 12.6 Other adverse effects

## 13 Disposal considerations

### 13.1 Waste treatment methods

#### GENERAL REGULATIONS

May be removed like normal waste. In the event of major emissions, contact the relevant authorities.

#### CATEGORY OF WASTE

NOT TRANSLATED

## 14 Transport information

Classified as Dangerous Goods: No

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#### Land transport (ADR/RID)

14.1 UN-No.	Not applicable.	14.4 Packing group	Not applicable.
14.2 Proper Shipping Name	Not applicable.	14.5 Environmental hazards	Not applicable.
14.3 Class(es)	Not applicable.		
Hazard label(s)	Not applicable.		
Hazard ID:	Not applicable.	Tunnel restriction code	Not applicable.

#### Inland water ways transport (ADN)

14.1 UN-No.	Not applicable.	14.4 Packing group	Not applicable.
14.2 Proper Shipping Name	Not applicable.	14.5 Environmental hazards	Not applicable.
14.3 Class(es)	Not applicable.		
Environmentally hazardous in tank-vessels	Not applicable.		

#### Sea transport (IMDG)

14.1 UN-No.	Not applicable.	14.4 Packing group	Not applicable.
14.2 Proper Shipping Name	Not applicable.	14.5 Environmental hazards	Not applicable.
14.3 Class(es)	Not applicable.		
Sub Risk:	Not applicable.		
IMDG Code segregation group	Not applicable.		
Marine pollutant	Not applicable.		
EMS:	Not applicable.		

#### Air transport (ICAO-TI / IATA-DGR)

14.1 UN-No.	Not applicable.	14.4 Packing group	Not applicable.
14.2 Proper Shipping Name	Not applicable.	14.5 Environmental hazards	Not applicable.
14.3 Class(es)	Not applicable.		
Hazard label(s)	Not applicable.		

### 15 Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.2 Chemical Safety Assessment**

### 16 Other information

#### VENDOR NOTES

Information in this safety data sheet is based on our present knowledge, and is intended to be a description of the health and safety aspects of the product.

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#### LIST OF RELEVANT R-PHRASES

R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R38	Irritating to skin.

#### LIST OF RELEVANT H-STATEMENTS

H226	Flammable liquid and vapour.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H332	Harmful if inhaled.