



# MATERIAL SAFETY DATA SHEET

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Revision nr : 3

Date : 13/10/2006

Supersedes : 30/5/2006

**Xylene low EB****AA26695**

Label 3 : Flammable liquid.



Xn : Harmful

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

**Trade name** : Xylene low EB  
**Chemical family** : Aromatic hydrocarbon.  
**Use** : Industrial.  
**Company identification** : Quaron  
NL - Noordweg 3 - 3336 LH Zwijndrecht - Tel.:+31 786250000  
BE - Rue des Sablières 1 - 7522 Tournai Blandain - Tel.:+32 69881000  
FR - 12, Rue de la Rache - BP 57 - 59481 Haubourdin Cedex - Tel.:+33 320175700  
**Emergency phone nr** : Contact your National Anti Poison Centre. (Only to be contacted by a physician)

## 2 COMPOSITION / INFORMATION ON INGREDIENTS

This product is not considered to be hazardous but contains hazardous components.

Substance name	Value(s)	CAS	EG	EC index	Classification
Xylenes mix	: 50 to 100 %	1330-20-7	215-535-7	601-022-00-9	R10 Xn; R20/21 Xi; R38
Ethylbenzene	:	100-41-4	202-849-4	601-023-00-4	F; R11 Xn; R20

*Other information* : Full text of R-Phrases : see under section 16.

## 3 HAZARDS IDENTIFICATION

**Hazards identification** : Flammable.  
Harmful.  
**Main hazards** : R10 : Flammable.  
R20/21 : Harmful by inhalation and in contact with skin.  
R38 : Irritating to skin.

## 4 FIRST AID MEASURES

- **Inhalation** : Seek medical attention if ill effect or irritation develops.  
- **Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.  
- **Eye contact** : Seek medical attention if ill effect or irritation develops.  
Flush with lukewarm water for 15 minutes.  
- **Ingestion** : Seek medical advice.  
**Other information** : Symptoms often do not appear for several hours.

## 5 FIRE-FIGHTING MEASURES

**Extinguishing media**  
- **Suitable extinguishing media** : Water spray  
Powder



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## 5 FIRE-FIGHTING MEASURES (continued)

- Unsuitable extinguishing media : Alcohol resistant foam
- Specific hazards : Do not use a heavy water stream.
- Specific hazards : None known.
- Special procedures : Evacuate unnecessary personnel.  
Stop release.
- Special protection measures : Use self-contained breathing apparatus  
S36 : Wear suitable protective clothing.

## 6 ACCIDENTAL RELEASE MEASURES

- Personal precautions : Equip cleanup crew with proper protection.
- Environmental precautions
- Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect the spill.  
If a major spill occurs, all personnel should be immediately evacuated and the area ventilated.
- on soil : Prevent entry to sewers, ground and public waters.

## 7 HANDLING AND STORAGE

- General
- Precautions in handling and storage : Remove ignition sources.  
Avoid all unnecessary exposure.  
Handle in accordance with good industrial hygiene and safety procedures.  
No Smoking.
- Technical protective measures : Proper grounding procedures to avoid static electricity should be followed.
- Storage : Store in tightly closed container and in a properly vented store, away from heat, sparks and open flame.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- Occupational Exposure Limits : Xylenes mix : MAC Value - Netherlands : 50 ppm; 210mg/m3 (H)  
Xylenes mix : MAC Value - Belgium : 50 ppm; 221 mg/m3  
Xylenes mix : MAC Value - France : 100 ppm; 442 mg/m3 (VME = 50 ppm; 221 mg/m3)  
Ethylbenzene : MAC Value - Netherlands : 50 ppm; 215 mg/m3 (H)  
Ethylbenzene : MAC Value - Belgium : 100 ppm; 442 mg/m3  
Ethylbenzene : MAC Value - France : 200 ppm; 884 mg/m3 (VME = 100 ppm; 442 mg/m3)
- Personal protection
- Respiratory protection : Use recommended respiratory protection.
- Hand protection : Wear suitable gloves resistant to chemical penetration.
- Eye protection : Safety glasses with side guards should be worn to prevent injury from airborne particles and/or other eye contact with this product.
- Skin protection : If skin contact or contamination of clothing is likely, protective clothing should be worn.
- Head protection : None.
- Ingestion : When using, do not eat, drink or smoke.



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## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION (continued)

Industrial hygiene



## 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid.
Colour	: Clear.
Odour	: Aromatic.
Vapour pressure [hPa] 20°C	: 6.7-8.2
Flash point [°C]	: 23
Initial boiling point [°C]	: 137
Final boiling point [°C]	: 143
Auto-ignition temperature [°C]	: 500
Explosion limits - lower [%]	: 1.1
Explosion limits - upper [%]	: 9
Viscosity (mPa.s)	: 0.61
Density	: 0.87

## 10 STABILITY AND REACTIVITY

Stability	: Stable under normal conditions.
Conditions to avoid	: Avoid heat, sparks, open flame, oxidizing conditions
Materials to avoid	: Oxidizing agent
Hazardous decomposition products	: By burning possible formation of : Carbon monoxide

## 11 TOXICOLOGICAL INFORMATION

Effects on skin contact	: Irritating to skin. R21 : Harmful in contact with skin.
Effects on inhalation	: R20 : Harmful by inhalation.
On ingredients	
Ethylbenzene	: Rabbit dermal LD50 [mg/kg] : 5000 : Rat oral LD50 [mg/kg] : 3500
Xylenes mix	: Rat oral LD50 [mg/kg] : 4300 : Rat inhalation LC50 [mg/l/4h] : 28.1

## 12 ECOLOGICAL INFORMATION

### Ecological effects information

#### On ingredients

Ethylbenzene	: LC50-96 Hour - fish [mg/l] : 4.2 : IC50 72h Algae [mg/l] : 4.6 : 48 H-EC50 - Daphnia magna [mg/L] : 1.8-2.4
Xylenes mix	: LC50-96 Hour - fish [mg/l] : 13.5-17.3 : 48 H-EC50 - Daphnia magna [mg/L] : 3.2



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## 12 ECOLOGICAL INFORMATION (continued)

**National prescriptions****WGK class (Germany)** : Water hazard class 2 : hazardous for water**General evaluation method (NL)** : Water hazard class 1  
Sanitizing effort A

## 13 DISPOSAL CONSIDERATIONS

**Disposal method** : Dispose in a safe manner in accordance with local/national regulations.**Treatment of dirty packing** : After last use, the packing should be totally empty and closed.

## 14 TRANSPORT INFORMATION

**General information****UN No.** : 1307**- Class** : 3**- Packing group** : III**Labelling ADR****- Warning panel** : 30**Proper shipping name** : UN1307 XYLENES, 3, III**Sea transport****- EMS-Nr** : F-E, S-D

## 15 REGULATORY INFORMATION

**EC Labelling** : Classification and labelling following EC directives 67/548/EEC and 1999/45/EC and their adaptations to technical progress**Symbol(s)** : Harmful.**Contains** : Xylenes mix**R Phrase(s)** : R10 : Flammable.  
R20/21 : Harmful by inhalation and in contact with skin.  
R38 : Irritating to skin.**S Phrase(s)** : S2 : Keep out of the reach of children.  
S25 : Avoid contact with eyes.

## 16 OTHER INFORMATION

**List of relevant R phrases** : R10 : Flammable.  
R11 : Highly flammable.  
R20 : Harmful by inhalation.  
R20/21 : Harmful by inhalation and in contact with skin.  
R38 : Irritating to skin.

The contents and format of this MSDS are in accordance with EEC Commission Directive 2001/58/EEC. Major modifications made to the previous edition are marked with a "\*" in the left margin.



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