



Revision Date: 11-jan-2011

Version No.: 1

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

Identification of the product

Product identifier: Xylene (mixture of isomers) AnalaR NORMAPUR® ACS, ISO, Reag.Ph.Eur. analytical reagent

REACH Registration number: A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) No 1907/2006, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

Catalogue No.: 28975.325

Synonyms: Dimethylbenzene

Use of the substance/preparation and uses advised against

Identified uses for laboratory use and chemical production.

Uses advised against

Company/undertaking identification

Name of the supplier: VWR International Ltd.

Address of the supplier: Hunter Boulevard,
Lutterworth,
LE17 4XN
UK

Telephone number of the supplier: 0800 22 33 44

E-Mail (competent person): vwsds@eu.vwr.com

Emergency telephone number: +44 (0) 1270 502894

2. Hazards identification

Classification of the substance or mixture

GHS-Classification (in accordance to Regulation (EC) No 1272/2008, Annex VI)

Flam. Liq. 3 H226 Flammable liquid and vapour.

Acute Tox. 4 - inhalation H332 Harmful if inhaled.

Acute Tox. 4 - dermal H312 Harmful in contact with skin.
Skin Irrit. 2 H315 Causes skin irritation.

3. Composition/information on ingredients

Substances

Product identifier:

Other identification numbers

Formula:

CAS-No.: 1330-20-7

INDEX-No.: 601-022-00-9

EC-No.: 215-535-7

Molar mass: 106.17 g/mol

4. First aid measures

Description of first aid measures

General Advice

Routes of exposition

After inhalation:	Provide fresh air. If breathing stops: mouth to mouth respiration or mechanical ventilation. Oxygen mask if necessary. Consult a doctor.
After skin contact:	After contact with skin, wash immediately with soap and plenty of water. Remove contaminated clothing. Consult a doctor.
After eye contact:	After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
After swallowing:	Caution: If victim vomits. Risk of aspiration! Keep airways free. Consult a doctor. Subsequently administer: Activated charcoal(20- 40 g in 10% slurry). Do not give castor oil and alcohol.

5. Fire-fighting measures

Suitable extinguishing media: Suitable: Dry extinguishing powder. UnSuitable: Do not use water.

Unsuitable extinguishing media:

Specific hazards during fire-fighting:

Advice for fire-fighters

Protective actions during fire-fighting

Special protective equipment for fire-fighters

Other information

6. Accidental release measures

Personal precautions	Do not inhale vapours/aerosols. Avoid substance contact. Provide adequate ventilation.
Environmental protection	Do not allow to enter drains/surface water/ground-water. Risk of explosion
Methods and material for containment and clean up	Take up with liquid-absorbant material. Collect in closed containers for disposal. Clear contaminated areas thoroughly.

7. Handling and storage

Handling

Storage

8. Exposure controls/personal protection

Control parameters
National limit values

Component	CAS-No.:	Value	Control parameters
Xylene (mixture of isomers)	1330-20-7	STEL	—
		TWA	—

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance (physical state and colour)

Odour

Odour threshold

pH

Melting point/freezing point Min. -34°C

Initial boiling point and boiling range 137 to 143 °C (1013 hPa)

Flash point	25°C
Evaporation rate	
Flammability	
Upper/lower flammability or explosive limits	
Vapour pressure	
Vapour density	
Relative density	
Bulk density	0.86 g/cm ³ (20°C)
Solubility(ies)	
partition coefficient: n-Octanol/Water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidising properties	
Minimum ignition energy	

10. Stability and reactivity

Conditions to be avoided:	Heating A range from approx 15 Kelvin below the flash point is to be rated as critical.
Substances to be avoided	Violent reaction with: Oxidising agent, strong. Sulphuric acid, concentrated. Sulphur (Risk of explosion) Nitric acid. Uranium hexafluoride
Hazardous decomposition products:	No information available
Other information	Incompatible with: rubber various plastics Forms explosive mixtures with air on intense heating.

11. Toxicological information

Information on toxicological effects

Acute oral toxicity

Acute dermal toxicity

Acute toxicity

Genotoxicity in vitro

Mutagenicity:

Result:

Reference:

Carcinogenicity

Reference:

Other information

12. Ecological information

Ecotoxicity

Toxicity to fish
Type of limit value:
Species:
Dose:
Exposure time:
Reference:

Toxicity to daphnia and other aquatic invertebrates
Type of limit value:
Species:
Dose:
Exposure time:
Reference:

Toxicity to algae
Type of limit value:
Species:
Dose:
Exposure time:
Reference:

Toxicity to bacteria
Type of limit value:
Species:
Dose:
Exposure time:
Reference:

Persistency and degradability
Stability in water
Reference:

Biodegradability
Method:
Result:
Exposure time:
Reference:

Biochemical oxygen demand (BOD)
Reference:

Chemical oxygen demand (COD)
Reference:

Theoretical oxygen demand (ThOD)
Reference:

Ratio BOD/ThBOD:
Test type:
Reference:

partition coefficient: n-Octanol/Water
Reference:

13. Disposal considerations

Appropriate disposal / Product: Dispose of waste according to applicable local, state, and federal regulations.

Waste codes / waste designations according to EWC / AVV:

Appropriate packaging:

Additional information:

14. Transport information

UN number

UN proper shipping name

Transport hazard class(es) and subsidiary risks 3

Road & Rail ADR/RID

Inland waterway ADN, ADNR

Air IATA, CAO, PAX

Sea IMDG

EmS

Packing group III

Environmental hazards

Special precautions for users

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC-Code

15. Regulatory information

Hazard pictogram(s):



Signal word(s):

Warning

Hazard statement(s) (H-phrase(s)):

H226

Flammable liquid and vapour.

H332

Harmful if inhaled.

H312

Harmful in contact with skin.

H315

Causes skin irritation.

Precautionary statement(s)

(P-phrase(s)):

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P243	Take precautionary measures against static discharge.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P309+P311	IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

EC-Labeling (in accordance to Directive 67/548/EEC)

Symbol(s):	Xn	Harmful
R-phrase(s)	10-20/21-38	Flammable. Harmful by inhalation and in contact with skin. Irritating to skin.
S-phrase(s)	25	Avoid contact with eyes.

EC-No.: 215-535-7

National legislation

Storage class VCI:	3
Major accident hazard:	
Water hazard class:	2
Merkblatt BG-Chemie:	
Other regulations:	

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

Chemical safety assessment

16. Other information

Full text of relevant phrases referred to under Sections 2-15

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

S25 Avoid contact with eyes.

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

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P243	Take precautionary measures against static discharge.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P309+P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.