

ULTRIMAX XYLENE THINNERS

HEALTH AND SAFETY DATA SHEET

Compilation date: 24/06/2009

Revision date: 16/5/2024

Revision No. 6

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1. PRODUCT AND COMPANY IDENTIFICATION

1.01 Product Code	ULTRIMAX XYLENE THINNERS
1.02 Manufacturer/Supplier	Ultrimax Coatings Ltd
1.03 Address	Shaw Lane Industrial Estate, Ogden Road, Doncaster, DN2 4SE
1.04 Contact	www.ultrimaxstore.com
1.05 Phone Number	01302 856666
1.06 Email	sales@ultrimaxcoatings.co.uk
1.7 Emergency Phone Number	01302 856666

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification under CLP: Flam. Liq. 3: H226; STOT RE 2: H373; Asp. Tox. 1: H304; Acute Tox. 4: H312; Acute Tox. 4: H332; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335

Most important adverse effects: Flammable liquid and vapour. Harmful in contact with skin. Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May be fatal if swallowed and enters airways. May cause damage to organs through prolonged or repeated exposure.

2.2. Label elements

Label elements:

Hazard statements:

H226: Flammable liquid and vapour.
H312: Harmful in contact with skin.
H332: Harmful if inhaled.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H304: May be fatal if swallowed and enters airways.



Hazard pictograms:

Signal words:

Precautionary statements:

H373: May cause damage to organs through prolonged or repeated exposure.
GHS07: Exclamation mark, GHS02: Flame, GHS08: Health hazard
Danger

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261: Avoid breathing vapours.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
P332+P313: If skin irritation occurs: Get medical advice/attention.

2.3. Other hazards

Other hazards:

PBT:

In use, may form flammable / explosive vapour-air mixture.
This product is not identified as a PBT/vPvB substance.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical identity:	XYLENE
CAS number:	1330-20-7
EINECS number:	215-535-7
REACH registered number(s):	01-2119488216-32

4. FIRST AID MEASURES

4.1. Description of first aid measures

Skin contact:	Remove all contaminated clothes and footwear immediately unless stuck to Drench the affected skin with running water for 10 minutes or longer if substance on skin. Consult a doctor.
Eye contact:	Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion:	Do not induce vomiting. If conscious, give half to drink immediately. Consult a doctor.
Inhalation:	Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete, seek medical advice.

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

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and pain may occur. There may be vomiting.
Inhalation:	Inhalation of vapours in high concentration may cause irritation of respiratory system. Symptoms of over exposure may be headache, dizziness, tiredness, nausea and vomiting.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment:	Not applicable.
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5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media:	Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.
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5.2. Special hazards arising from the substance or mixture

Exposure hazards:	Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. The vapour is heavier than air and spreads along the ground. There is a danger of flashback if sparks or hot surfaces ignite vapour.
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5.3. Advice for fire-fighters

Advice for fire-fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
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6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

7. HANDLING & STORAGE

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Workplace exposure limits:

State	Workplace exposure limits:		Respirable dust	
	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK 2	220 mg/m ³	441 mg/m ³	-	-

DNEL/PNEC Values

XYLENE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	442 mg/m ³	Workers	Local
DNEL	Inhalation	180 mg/kg/day	Workers	Systemic
DNEL	Dermal	3182 mg/kg/day	Workers	Systemic
PNEC	Fresh water	0.327 mg/l	-	-
PNEC	Fresh water sediments	12.46 mg/kg	-	-
PNEC	Marine sediments	12.46 mg/kg	-	-
PNEC	Soil (agricultural)	2.31 mg/kg	-	-
PNEC	Microorganisms in sewage treatment	6.58 mg/l	-	-

8.2. Exposure controls

Engineering measures:

Ensure lighting and electrical equipment are not a source of ignition. Provide adequate ventilation, including appropriate local extraction. In case of insufficient ventilation, where exposure to high concentrations of vapour is possible, suitable respiratory protective equipment with positive air supply should be used.

Respiratory protection:

Use suitable respiratory protective device when high concentrations are present. Filter ABEK P2.

Hand protection:

Impermeable gloves, change regularly to avoid permeation problems. Ensure gloves are manufactured/tested in accordance with BS EN 374. Butyl, nitrile or pvc coated gloves.

Eye protection:

Safety goggles. Ensure eye bath is to hand.

Skin protection:

Wear appropriate clothing to prevent any possibility of skin contact.

9. PHYSICAL & CHEMICAL PROPERTIES

State:	Liquid	Melting point/range°C:	<-80
Colour:	Colourless	Flammability limits %:	lower: 1.0 upper: 7.0
Odour:	Hydrocarbon	Flash point°C:	23 - 55
Evaporation rate:	Slow	Part.coeff. n-octanol/water:	3.2 log Pow
Oxidising:	Non-oxidising (by EC criteria)	Autoflammability°C:	>432
Solubility in water:	Insoluble	Vapour pressure:	7.0 mm Hg
Also soluble in:	Most organic solvents.	Relative density:	0.860
Viscosity:	Non-viscous	pH:	No data available.
Boiling point/range°C:	136-143	VOC g/l:	No data available.

9.2. Other information

Other information: No data available.

10. STABILITY & REACTIVITY

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH DRM	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated
STOT-repeated exposure	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Inhalation of vapours in high concentration may cause irritation of respiratory system. Symptoms of over exposure may be headache, dizziness, tiredness, nausea and vomiting.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

14.1. UN number

UN number: UN1307

14.2. UN proper shipping name

Shipping name: XYLENES

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 3

15. REGULATORY INFORMATION

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H373: May cause damage to organs or state all organs affected, if known through prolonged or repeated exposure state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.