

Xylene

Prepared in accordance with European Regulation 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name: Xylene

Reach registration number: 01-2119488216-32

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

Application of the substance: Thinner

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Zest Polyurethanes

Alternator Avenue, Montague Gardens, Cape Town, South Africa, 7441, Tel: +27 (021) 555-3090

Further information obtainable from: The Technical Manager, Zest Polyurethanes. Email: zest@duram.co.za

1.4 Emergency telephone number: The Technical Manager, Zest Polyurethanes, Tel: +27 (021) 555-3090 (GMT 10:00-18:00)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture – according to Regulation (EC) No 1272/2008 [CLP]

Flammable liquids - Category 3 - Warning (Flam. Liq. 3; H226)

Aspiration hazard - Category 1 - Danger (Asp. Tox. 1; H304)

Acute toxicity, dermal - Category 4 - Warning (Acute Tox. 4, dermal; H312)

Skin irritation - Category 2 - Warning (Skin Irrit. 2; H315)

Eye irritation - Category 2 - Warning (Eye Irrit. 2; H319)

Acute toxicity, inhalation - Category 4 - Warning (Acute Tox. 4, inhalation; H332)

Specific Target Organ Toxicity - Single exposure - Respiratory tract irritation - Category 3 - Warning (STOT SE 3; H335)

Specific Target Organ Toxicity - Repeated exposure - Category 2 - Warning (STOT RE 2; H373)

2.2 GHS Label elements

Hazard Pictograms



Signal Word: **Danger**

Hazard Statements:

- 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 through prolonged or repeated exposure.

Precautionary Statements: (Prevention):

P210 - Keep away from heat, sparks, open flames or hot surfaces. – No smoking.

P260 - Do not breathe dust, fume, gas, mist, vapours, spray.

P280 - Wear protective gloves, protective clothing, eye protection, face protection.

Precautionary Statements: (Response):

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P303+P361+P353 - IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.

P331 - Do NOT induce vomiting.

Precautionary Statements: (Storage):

P403+P235 - Store in well-ventilated place. Keep cool.

According to Regulation (EC) No 1272/2008 [CLP]

Hazard determining component(s) for labelling: Xylene (mixed isomers).

2.3 Other hazards

Physical/chemical hazards: Floats on the water and may ignite again.




Hazards for the health: A health dangerous concentration in the air will very quickly be reached by evaporation of this substance at app. 20°C; even faster by spraying. Suspected of damaging the unborn child.

Hazards for the environment: No significant danger. This product is no substance or contains no PBT or vPvB (in accordance with Annex XIII).

Hazards for the safety: At or above flash point, available vapours may burn in open or explode if confined when mixed with air and exposed to ignition source.

3. COMPOSITION / INFORMATION OF INGREDIENTS

3.1 Chemical characterisation: Mixtures

Hazardous ingredients (GHS) according to Regulation (EC) No 1272/2008 [CLP]			
CAS: 1330-20-7 EINECS: 215-535-7 INDEX: 601-022-00-9 REACH: 01-2119488216-32	XYLENE (mixed isomers)	 H226, H304, H312, H315, H319, H332, H335, H373	80 – 100%
CAS: 100-41-4 EINECS: 202-849-4 INDEX: 601-023-00-4 REACH: 01-2119489370-35	ETHYL BENZENE	 H225, H304, H332, H373	<20%
CAS: 108-88-3 EINECS: 203-625-9 INDEX: 601-021-00-3 REACH: 01-2119471310-51	TOLUENE	 H225, H304, H315, H336, H361d, H373	>0.1 <= 1%

4. FIRST AID MEASURES

4.1 Description of first aid measures

General: In case of doubt or persistent symptoms, call a physician. Never give anything by mouth to an unconscious person.

Inhalation: Remove victim into fresh air. Allow the affected person to rest in semi-sitting position. If not breathing, give artificial respiration. Consult doctor or take patient to hospital immediately.

Skin Contact: Remove contaminated clothing. Rinse skin immediately with plenty of water. (shower if necessary). Consult a doctor.

Eye Contact: Rinse immediately thoroughly and long (at least 15 min.) with plenty of water. Remove contact lenses. Consult eye doctor.

Ingestion: DO NOT INDUCE VOMITING. Rinse mouth with water. Take the patient IMMEDIATELY to the hospital.

4.2 Most important symptoms and effects, both acute and delayed

See section 11.

4.3 Indication of any immediate medical attention and special treatment needed

For specialist advice doctors should contact the NVCI or the Belgian Poison center.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable: Extinguishing powder, Foam, Carbon dioxide (CO₂), Water spray.

Unsuitable: Heavy water stream.

5.2 Special hazards arising from the substance or mixture

Special Exposure Hazards: Fire may liberate carbon oxides (CO) and smoke.

5.3 Advice for firefighters

Special Protective Equipment for Firefighters: Use self-contained breathing apparatus and wear protective clothes when in close proximity to fire.

Special Procedures: Apply water spray or fog to cool nearby equipment. Avoid fire-fighting water to enter environment.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Eliminate every possible source of ignition (open fire, sparks, smoking, ...). Evacuate all personnel immediately and ventilate area. Avoid breathing vapour and contact with skin, eyes and clothing. Wear recommended personal protective equipment. (See section 8).

6.2 Environmental precautions

Shut off leaks if without risks. Dike in the spilled product as much as possible with inert material. Prevent entry of product in public water, sewers or soil. Notify authorities if product enters sewers or public waters.

6.3 Methods and material for containment and cleaning up

Collect the spillage in closable, suitable disposal containers. Clean up any spills as soon as possible, using an inert absorbent material. Residue is to be washed down with plenty of water.

6.4 Reference to other sections

For personal protection, see section 8.

For the removal of the waste product, see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Attention: SKIN ABSORPTION!

PREVENT EXPOSURE TO (PREGNANT) WOMAN.

AVOID FOG TRANSFORMATION!

Avoid breathing vapour and contact with skin, eyes and clothing. Wear recommended personal protective equipment. (See section 8).

When using, do not eat, drink or smoke.

Wash hands before and after working with the product.

Emergency eye wash fountains and showers should be available in the immediate vicinity of any potential exposure.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Keep only in the original, safely locked container in a cool, well ventilated and fireproof place. All dangerous products should be placed on a drip tray or should be barreled. Keep away from : Oxidizing agents , Strong acids .

Protection against Fire and Explosion: Eliminate every possible source of ignition (open fire, sparks, smoking, ...). With a temperature equal to or higher than the flash point, the mixture steam-air may create a highly flammable and explosive mixture.

Heavier than air, vapours may travel long distances along ground, ignite and flash back to source. Use special care to avoid static electric discharges. Sufficiently earthen. Use explosionproof equipment. Use spark-arm implement.

7.3 Specific end use(s)

For identified uses, see subsection 1.2 and/or exposure scenarios.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities: Adequate ventilation. See items 7.1 and 7.2.

8.1 Control parameters

Occupational Exposure Limits:

For harmful components :

Xylene (mix) : Limit value (BE) : 50 ppm (221 mg/m³) (2011) (D)
 Xylene (mix) : Short time value (BE) : 100 ppm (442 mg/m³) (2011) (D)
 Xylene (mix) : Limit value (TWA 8 h) (NL) : 50 ppm (210 mg/m³) (2008) (H)
 Xylene (mix) : Limit value (TWA 15 min) (NL) : 100 ppm (442 mg/m³) (2008) (H)
 Ethyl benzene : Limit value (BE) : 100 ppm (442 mg/m³) (2011) (D)
 Ethyl benzene : Short time value (BE) : 125 ppm (551 mg/m³) (2011) (D)
 Ethyl benzene : Limit value (TWA 8 h) (NL) : 50 ppm (215 mg/m³) (2008) (H)
 Ethyl benzene : Limit value (TWA 15 min) (NL) : 100 ppm (430 mg/m³) (2008) (H)
 Toluene : Limit value (BE) : 20 ppm (77 mg/m³) (2011) (D)
 Toluene : Short time value (BE) : 100 ppm (384 mg/m³) (2011) (D)
 Toluene : Limit value (TWA 8 h) (NL) : 40 ppm (150 mg/m³) (2007) (H)
 Toluene : Limit value (TWA 15 min) (NL) : 100 ppm (384 mg/m³) (2007) (H)

(D) The mention "D" means that the absorption of the agent by skin, mucous membranes or eyes constitutes an important part of the total exposition. This absorption can be the consequence of direct contact as well as his presence in the air.

(H) The addition of an "H" indicates that the substance is relative easily absorbed by the skin.

Biological limit values:

They will be included when available.

DNELs:

For harmful components :

Xylene (mix) : Worker, acute - local effects, inhalation : 289 mg/m³
 Xylene (mix) : Worker, acute - systemic effects, inhalation : 289 mg/m³
 Xylene (mix) : Worker, long-term - systemic effects, inhalation : 77 mg/m³
 Xylene (mix) : Worker, long-term - systemic effects, dermal : 180 mg/kg
 Xylene (mix) : Consumer, acute - local effects, inhalation : 174 mg/m³
 Xylene (mix) : Consumer, acute - systemic effects, inhalation : 174 mg/m³
 Xylene (mix) : Consumer, long-term - systemic effects, inhalation : 14,8 mg/m³
 Xylene (mix) : Consumer, long-term - systemic effects, dermal : 108 mg/kg
 Ethyl benzene : Worker, long-term - systemic effects, inhalation : 77 mg/m³
 Ethyl benzene : Worker, long-term - systemic effects, dermal : 180 mg/kg bw/ day
 Ethyl benzene : Consumer, long-term - systemic effects, inhalation : 15 mg/m³
 Ethyl benzene : Consumer, long-term - systemic effects, oral : 1,6 mg/kg bw/ day
 Toluene : Worker, acute - local effects, inhalation : 384 mg/m³
 Toluene : Worker, acute - systemic effects, inhalation : 384 mg/m³
 Toluene : Worker, long-term - local effects, inhalation : 192 mg/m³
 Toluene : Worker, long-term - systemic effects, inhalation : 192 mg/m³
 Toluene : Worker, long-term - systemic effects, dermal : 384 mg/kg bw/ day
 Toluene : Consumer, acute - local effects, inhalation : 226 mg/m³
 Toluene : Consumer, acute - systemic effects, inhalation : 226 mg/m³
 Toluene : Consumer, long-term - systemic effects, inhalation : 56,5 mg/m³
 Toluene : Consumer, long-term - systemic effects, dermal : 226 mg/kg bw/ day
 Toluene : Consumer, long-term - systemic effects, oral : 8,13 mg/kg bw/ day

PNECs:

For harmful components :

Xylene (mix) : Fresh water : 0,327 mg/l
 Xylene (mix) : Marine water : 0,327 mg/l
 Xylene (mix) : Fresh water sediment : 12,46 mg/kg
 Xylene (mix) : Marine water sediment : 12,46 mg/kg
 Xylene (mix) : Soil : 2,31 mg/kg
 Xylene (mix) : Sewage treatment plant : 6,58 mg/l
 Ethyl benzene : Fresh water : 0,1 mg/l
 Ethyl benzene : Marine water : 0,01 mg/l

Ethyl benzene : Fresh water sediment : 13,7 mg/kg
 Ethyl benzene : Marine water sediment : 1,37 mg/kg
 Ethyl benzene : Soil : 2,68 mg/kg
 Ethyl benzene : Intermittent release : 0,1 mg/l
 Ethyl benzene : Sewage treatment plant : 9,6 mg/l
 Ethyl benzene : Oral : 0,02 g/kg
 Toluene : Fresh water : 0,68 mg/l
 Toluene : Marine water : 0,68 mg/l
 Toluene : Fresh water sediment : 16,39 mg/l
 Toluene : Marine water sediment : 16,39 mg/l
 Toluene : Soil : 2,89 mg/kg
 Toluene : Sewage treatment plant : 13,61 mg/l

8.2 Exposure controls

Engineering Measures: Ventilation , Local exhaust .

Personal Protection Equipment

- Respiratory protection: CE-approved mask for organic vapours and solvents (type A, brown).
 Suitable protective clothing (Anti-static).
 Suitable material for safety gloves (EN 374):
 The suitability of the gloves and the breakthrough time for a specific workplace should be discussed with the producers of the protective gloves.

- Skin protection:

- Hand protection: - material: Nitrile rubber
 - thickness: 0,45 mm
 - breakthrough time : > 30'

- Eye/Face protection: Closed safety glasses or face shield.
 Eye protection (combined with respiratory protection equipment).

Environmental exposure controls: See sections 6, 7, 12 and 13.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

Physical State (20°C): Liquid
 Form/Colour : Clear , Colourless
 Odour : Aromatic odour
 Odour threshold : 0,27 ppm
 pH value : Not applicable.
 Melting/Freezing point : < -48 °C
 Boiling Point/Range (1013 hPa) : 136 - 145 °C
 Flash point : 23 - 29 °C
 Fire hazard : P2
 Evaporation rate : 0,76 (Butyl acetate = 1)
 13,5 (Diethyl ether =1)
 Explosion limits in air : 1,0 - 7,1 vol.%
 Vapour pressure (20°C) : 0,8 - 1,2 kPa
 Relative vapour density (air=1) : 3,7
 Relative density of saturated vapour/air : 1,0
 mixture (air=1)
 Relative density (water=1) : 0,9
 Density (20°C) : 0,87 g/cm³
 Solubility in water : app. 0,02 g/100 ml
 Log P Octanol/Water (20°C) : 3,1
 Auto-ignition temperature : 432 - 530 °C
 Minimum ignition energy : 0,2 mJ
 Decomposition temperature : No data available.
 Viscosity (20°C) : < 0,9 mm²/s (Kinematic)
 Explosive properties : No chemical groups associated with explosive properties .
 Oxidizing properties : No chemical groups associated with oxidizing properties .

9.2 Other information

Surface tension (20°C) :	28,7 mN/m
Specific leading :	< 0,1 pS/m
% Volatiles (by weight) :	> 99 No further relevant information available.

10. STABILITY AND REACTIVITY**10.1 Reactivity**

Reactivity : Reacts violently with oxidizing agents and strong acids.

10.2 Chemical stability

Stability : Stable at normal circumstances.

10.3 Possibility of hazardous reactions

Hazardous reactions : Vapor mixes readily with air forming explosive mixtures.

10.4 Conditions to avoid

Conditions to avoid : Heat, sparks, open flames and other ignition sources.

10.5 Incompatible materials

Materials to avoid : Oxidizing agents , Strong acids , Rubber , Several synthetics.

10.6 Hazardous decomposition products

Hazardous Decomposition Products : Carbon oxides , Hydrocarbons , Aldehydes.

11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects**

Acute toxicity

- Inhalation :	Harmful if inhaled. Exposure to high concentrations may cause lowering of consciousness. Symptoms include: Irritation , Sore throat , Cough , Excitement , Headache , Dizziness , Weakness , Nausea . For harmful components : • Xylene (mix) : LC50 (Rat, inhalation, 4 h) : >20 mg/l • Ethyl benzene : LC50 (Rat, inhalation, 4 h) : >9,6 mg/l • Toluene : LC50 (Rat, inhalation, 4 h) : 28,1 mg/l
- Skin contact :	Harmful in contact with skin. Product is being absorbed through the skin. Symptoms include: Dry skin , Redness , Rough skin . For harmful components : • Xylene (mix) : LD50 (Rabbit, dermal) : >2000 mg/kg • Ethyl benzene : LD50 (Rabbit, dermal) : >15000 mg/kg • Toluene : LD50 (Rabbit, dermal) : >5000 mg/kg
- Ingestion :	After swallowing, some drops of liquid can enter the lungs (aspiration), which may cause pneumonia. Symptoms of lung oedema mostly reveal after a few hours/days. Medical observation is necessary. Symptoms include: Irritation , Burning feeling , Stomach complaints , Nausea , Vomiting , Shortness of breath , See "Inhalation" . For harmful components : • Xylene (mix) : LD50 (Rat, oral) : >2000 mg/kg • Ethyl benzene : LD50 (Rat, oral) : >3500 mg/kg • Toluene : LD50 (Rat, oral) : 5580 mg/kg
Skin corrosion/irritation :	Causes skin irritation. Repeated or prolonged skin contact may cause dermatitis and defatting. Skin contact can damage eczema.
Serious eye damage/irritation :	Causes serious eye irritation.
Aspiration hazard :	May be fatal if swallowed and enters airways.
Respiratory or skin sensitisation :	Not sensitive .
Carcinogenicity :	Not listed as carcinogenic . IARC: Group 3 (undetectable carcinogenic to humans).
Mutagenicity :	Not listed as mutagenic .
Reproductive toxicity :	Not listed for reproductive toxicity . The Netherlands : Xylene and Toluene are included in the SZW list .

Specific target organ toxicity - single exposure	To human : Respiratory tract irritation .
Specific target organ toxicity - repeated exposure	To human : May cause damage to organs through prolonged or repeated exposure. Target organ(s) : Central nervous system , Hearing , Kidneys , Liver .

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity :

For harmful components:

- Xylene (mix) : LC50 (Fish, 96 h) : 1-10 mg/l
- Xylene (mix) : EC50 (Algae, 72 h) : 1-10 mg/l
- Xylene (mix) : EC50 (Daphnia magna, 48 h) : 1-10 mg/l
- Ethyl benzene : LC50 (Fish, 96 h) : >10 mg/l (Pimephales promelas)
- Ethyl benzene : EC50 (Daphnia magna, 48 h) : >1,8 mg/l
- Toluene : LC50 (Fish, 96 h) : 5,5 mg/l (Oncorhynchus kisutch)
- Toluene : EC50 (Algae, 72 h) : 12,5 mg/l
- Toluene : EC50 (Daphnia magna, 48 h) : 3,8 mg/l

12.2 Persistence and degradability

Persistence and degradability :

For harmful components :

- Xylene (mix) : Persistence and degradability : May biodegrade good.
- Ethyl benzene : Persistence and degradability : Readily biodegradable .
- Toluene : Persistence and degradability : Readily biodegradable .

12.3 Bioaccumulative potential

Bioaccumulation :

For harmful components :

- Xylene (mix) : Bioaccumulation : Little chance on bioaccumulation .
- Ethyl benzene : Bioaccumulation : No bioaccumulation .
- Toluene : Bioaccumulation : Bioaccumulation not expected .

12.4 Mobility in soil

Mobility :

For harmful components :

- Xylene (mix) : Mobility : Floats on the water .
- Ethyl benzene : Mobility : Floats on the water .
- Toluene : Mobility : Floats on the water .

Results of PBT and vPvB assessment

12.5 Other adverse effects

WGK class (DE) :

2 (Water pollutant).

Water damaging (NL) :

1

Decontamination exertion (NL) :

A (Contains Black list substance).

Photochemical ozone creation potential :

No data available.

Ozone depletion potential :

No data available.

Endocrine disrupting potential :

No data available.

Global warming potential :

No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste from residues/Unused products :

The product has to be destroyed according to national or local legislation, by a company specialised in handling hazardous waste products.

European list of waste products :

XXXXXX - European waste product code. This code is assigned on the basis of the most current applications and can not be representative for pollutions which are arisen at the effective use of the product. The producer of the waste has to evaluate its process himself and has to grant the appropriate waste coding. See Decision 2001/118/EC.

Removal contaminated packaging :

Packing is to be used exclusively for the packing of this product. After use, empty and close the packing very carefully. In case of returned packing, the empty packing can be offered back to the supplier.

14. TRANSPORT INFORMATION



14.1 UN-Number

UN Number : 1307

14.2 UN proper shipping name

ADR Name : UN 1307 Xylenes, 3, III, (D/E)
 ADN Name : UN 1307 Xylenes , 3, III
 IMDG Name : UN 1307 Xylenes , 3, III, (23°C)
 IATA Name : UN 1307 Xylenes , 3, III

14.3 Transport hazard classes

ADR		IMDG, IATA	
			
Class	3 Flammable liquids	Class	3 Flammable liquids
Label	3	Label	3

IMO class: 3
 EA code: 127
 HAZCHEM code: 3 (Y)

14.4 Packing group

ADR, IMDG, IATA III

14.5 Environmental hazards

Environmentally hazard : No
 Marine pollutant : No

14.6 Special precautions for user

Warning: Flammable liquids
 Danger number : 30
 Hazard Label(s) : 3
 EmS-N° : F-E , S-D

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

Type ship : 2
 Pollution category : Y

15. REGULATORY INFORMATION

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

Inventories : Australian inventory (AICS): Listed in inventory.
 Canadian inventory (DSL): Listed in inventory.
 Chinese inventory (IECS): Listed in inventory.
 European inventory (EINECS): Listed in inventory.
 Japanese inventory (ENCS): Listed in inventory.
 Korean inventory (KECI): Listed in inventory.
 Philippine inventory (PICCS): Listed in inventory.
 Inventory of the United States (TSCA): Listed in inventory.

NFPA n° : 2-3-0

Relevant EU Rule(s) : Directive 76/464/EEC of the Council of 4 May 1976 on pollution caused by certain dangerous substances discharged into the aquatic environment of the Community

Directive 96/82/EC of the Council of 9 December 1996 on the control of major accident hazards involving dangerous substances

Directive 98/24/EC of the Council of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

Directive 1999/13/EC of the Council of 11 March 1999 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain activities and installations

Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC

Decision 2001/118/EC of the Commission of 16 January 2001 amending Decision 2000/532/EC as regards the list of wastes

Regulation (EC) No 273/2004 of the European Parliament and of the Council of 11 February 2004 on drug precursors

Directive 2004/37/EC of the European Parliament and of the Council of 29 April 2004 on the protection of workers from the risks related to exposure to carcinogens or mutagens at work

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (Reach)

15.2 Chemical safety assessment

Chemical safety assessment has been carried out for the components that make * up this material.

16. OTHER INFORMATION

R-phrases) :	<p>R10 - Flammable.</p> <p>R11 - Highly flammable.</p> <p>R20 - Harmful by inhalation.</p> <p>R20/21 - Harmful by inhalation and in contact with skin.</p> <p>R36/37/38 - Irritating to eyes, respiratory system and skin.</p> <p>R38 - Irritating to skin.</p> <p>R48/20 - Harmful : danger of serious damage to health by prolonged exposure through inhalation.</p> <p>R63 - Possible risk of harm to the unborn child.</p> <p>R65 - Harmful : may cause lung damage if swallowed.</p> <p>R67 - Vapours may cause drowsiness and dizziness.</p>
(EU)H-statement(s) :	<p>H225 - Highly flammable liquid and vapour.</p> <p>H226 - Flammable liquid and vapour.</p> <p>H304 - May be fatal if swallowed and enters airways.</p> <p>H312 - Harmful in contact with skin.</p> <p>H315 - Causes skin irritation.</p> <p>H319 - Causes serious eye irritation.</p> <p>H332 - Harmful if inhaled.</p> <p>H335 - May cause respiratory irritation.</p> <p>H336 - May cause drowsiness or dizziness.</p> <p>H361d - Suspected of damaging the unborn child.</p> <p>H373 - May cause damage to organs through prolonged or repeated exposure.</p>

Notice to Reader

Important Note: The information contained in this Data Sheet (as may be amended from time to time) is not intended to be exhaustive and is presented in good faith and is believed to be correct at the date of its preparation. It is the user's responsibility to verify that this data sheet is current prior to using the product in which is detailed in it

Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to its use. Where those purposes are other than as specifically recommended in this safety data sheet, the user then uses the product at their own risk

Manufacturer's Disclaimer: The Conditions methods and Factors effecting the handling, storage, application, use, misuse or disposal of the product are not under the control or knowledge of the Manufacturer. Therefore the manufacturer does not assume responsibility for any adverse events that may occur in the handling, storage, application, use, misuse or disposal of the product and, so far as permitted by applicable law the manufacturer expressly disclaims liability for any and all losses, damages and/or expenses arising out of or in any way connected to the storage, handling, use or disposal of the product. Safe handling, storage and disposal are the responsibility of the users. Users must comply with all applicable health and safety laws.

Updated: October 2020 (this supersedes all previous publications)