

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation), EU
2015/830 and Regulation No 1272/2008/EC (CLP)

Printing date 10.01.2018

Version number 2

Revision: 17.03.2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** AMB-x solvent**1.2 Relevant identified uses of the substance or mixture and uses advised against**

No relevant identified uses-mixture of substances.

Application of the substance / the mixture: Raw materials for coatings**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Alel Ltd

Address: "General Parensov" 16

Sofia, Bulgaria

Tel.: +359 78 55 23 00

Fax. +359 78 55 22 00

e-mail: alel@dir.bg

1.4 Emergency telephone number:

European Emergency Tel.: 112

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification according to Regulation EC No 1272/2008 CLP:**

GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



GHS08 health hazard

STOT RE 1 H372 Causes damage to the central nervous system through prolonged or repeated exposure.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



GHS07

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H335 May cause respiratory irritation.

(Contd. on page 2)

-GB-

Safety data sheet
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2015/830 and Regulation No 1272/2008/EC (CLP)

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Version number 2

Revision: 17.03.2015

Trade name: AMB-x solvent

(Contd. of page 1)

2.2 Label elements**Labelling according to Regulation EC No 1272/2008 CLP:**

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:

GHS02 GHS07 GHS08

Signal word: Danger**Hazard-determining components of labelling:**

Xylene

Solvent naphtha (petroleum), medium aliph.

Hazard statements:

H226 Flammable liquid and vapour.

H332 Harmful if inhaled.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H372 Causes damage to the central nervous system through prolonged or repeated exposure.

H304 May be fatal if swallowed and enters airways.

Precautionary statements

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing vapours.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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

P331 Do NOT induce vomiting.

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.2 Chemical characterisation: Mixtures****Description:** Mixture: consisting of the following components.

(Contd. on page 3)

GB

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2015/830 and Regulation No 1272/2008/EC (CLP)

Printing date 10.01.2018

Version number 2

Revision: 17.03.2015

Trade name: AMB-x solvent

(Contd. of page 2)

Ingredients according Regulation (EU) 830/2015:

CAS: 64742-88-7 EINECS: 265-191-7 Index number: 649-405-00-X	Solvent naphtha (petroleum), medium aliph. ⚠ Flam. Liq. 3, H226; ⚠ STOT RE 1, H372; Asp. Tox. 1, H304	50-100%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-XXXX	Xylene ⚠ 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	25-50%

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Take affected persons out into the fresh air.

Seek immediate medical advice.

After inhalation:

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air and to be sure call for a doctor.

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Remove contaminated clothing.

If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

Protect unharmed eye.

Seek immediate medical advice.

After swallowing:

Do not induce vomiting; call for medical help immediately.

Drink plenty of water and provide fresh air. Call for a doctor immediately.

Seek immediate medical advice.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Protective equipment:

Wear fully protective suit.

Mouth respiratory protective device.

(Contd. on page 4)

Safety data sheet
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Printing date 10.01.2018

Version number 2

Revision: 17.03.2015

Trade name: AMB-x solvent

(Contd. of page 3)

Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures:**

Avoid contact with oxidising agents.

Avoid inhalation of vapors.

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust, silica gel).

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Keep receptacles tightly sealed.

Use in well ventilated areas.

Ensure good ventilation/exhaustion at the workplace.

Avoid contact with skin, eyes and clothing.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities**Storage:****Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Provide ventilation for receptacles.

Information about storage in one common storage facility: Store away from oxidising agents.**Further information about storage conditions:**

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

7.3 Specific end use(s) No further relevant information available.

-GB-

(Contd. on page 5)

Safety data sheet
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 2015/830 and Regulation No 1272/2008/EC (CLP)

Printing date 10.01.2018

Version number 2

Revision: 17.03.2015

Trade name: AMB-x solvent

(Contd. of page 4)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

1330-20-7 Xylene

WEL	Short-term value: 441 mg/m ³ , 100 ppm Long-term value: 220 mg/m ³ , 50 ppm Sk; BMGV
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Ingredients with biological limit values:

1330-20-7 Xylene

BMGV	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid
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8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.
 Wash hands before breaks and at the end of work.

Respiratory protection:



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

(Contd. on page 6)

Safety data sheet
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2015/830 and Regulation No 1272/2008/EC (CLP)

Printing date 10.01.2018

Version number 2

Revision: 17.03.2015

Trade name: AMB-x solvent

(Contd. of page 5)

Eye protection:

Tightly sealed goggles



Face protection

Body protection:

Protective work clothing

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****General Information****Appearance:**

Form:	Liquid
Colour:	According to product specification
Odour:	Solvent-like
Odour threshold:	Not determined

pH value: Not determined**Melting point/freezing point:** Not determined**Initial boiling point and boiling range:** Not determined**Flash point:** 27 °C (ксилол)**Flammability (solid, gas):** Not applicable**Auto-ignition temperature:** Not determined**Decomposition temperature:** Not determined**Auto-ignition temperature:** Product is not selfigniting.**Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.**Explosion limits:**

Lower:	0.6 Vol %
Upper:	6.5 Vol %

Vapour pressure: Not determined**Density:** Not determined

(Contd. on page 7)

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation), EU
2015/830 and Regulation No 1272/2008/EC (CLP)

Printing date 10.01.2018

Version number 2

Revision: 17.03.2015

Trade name: AMB-x solvent

(Contd. of page 6)

Relative density Not determined
Vapour density Not determined
Evaporation rate Not determined

Solubility in / Miscibility with water: Not miscible

Partition coefficient: n-octanol/water: Not determined

Viscosity:

Dynamic: Not determined

Kinematic: Not determined

9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided Stable at environment temperature.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid

Oxidising agents

Avoid heat, sparkles, naked flame or other sources of ignition.

10.5 Incompatible materials Oxidising agents

10.6 Hazardous decomposition products

Carbon monoxide

Carbon dioxide

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity**

Harmful if inhaled.

LD/LC50 values relevant for classification:**64742-88-7 Solvent naphtha (petroleum), medium aliph.**

Oral	LD50	>6500 mg/kg (rat)
Dermal	LD50	>3000 mg/kg (rab)
Inhalative	LC50/4 h (изпарения)	>14 mg/l (rat)

1330-20-7 Xylene

Dermal	LD50	>1700 mg/kg (rabbit)
Inhalative	LC50-4h	5000 ppm (rat)

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

(Contd. on page 8)

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation), EU
2015/830 and Regulation No 1272/2008/EC (CLP)

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Version number 2

Revision: 17.03.2015

Trade name: AMB-x solvent

(Contd. of page 7)

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure**

May cause respiratory irritation.

STOT-repeated exposure

Causes damage to the central nervous system through prolonged or repeated exposure.

Aspiration hazard

May be fatal if swallowed and enters airways.

SECTION 12: Ecological information**12.1 Toxicity****Aquatic toxicity:** No further relevant information available.**12.2 Persistence and degradability** No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** No further relevant information available.**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation**

Dispose according to National Regulations.



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:**Recommendation:**

Disposal must be made according to official regulations.

Packaging may be reused or recycled after cleaning.

SECTION 14: Transport information**14.1 UN-Number****ADR, IMDG, IATA**

UN1993

(Contd. on page 9)

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation), EU
2015/830 and Regulation No 1272/2008/EC (CLP)

Printing date 10.01.2018

Version number 2

Revision: 17.03.2015

Trade name: AMB-x solvent

(Contd. of page 8)

14.2 UN proper shipping name**ADR**1993 FLAMMABLE LIQUID, N.O.S. (TURPENTINE
SUBSTITUTE, XYLENES), ENVIRONMENTALLY
HAZARDOUS**IMDG**FLAMMABLE LIQUID, N.O.S. (TURPENTINE
SUBSTITUTE, XYLENES), MARINE POLLUTANT**IATA**FLAMMABLE LIQUID, N.O.S. (TURPENTINE
SUBSTITUTE, XYLENES)**14.3 Transport hazard class(es)****ADR, IATA****Class**

3 Flammable liquids.

Label

3

IMDG**Class**

3 Flammable liquids.

Label

3

14.4 Packing group**ADR, IMDG, IATA**

III

14.5 Environmental hazards:**Marine pollutant:**

Symbol (fish and tree)

14.6 Special precautions for user

Warning: Flammable liquids.

Danger code (Kemler):

30

EMS Number:F-E,S-E**14.7 Transport in bulk according to Annex II of****Marpol and the IBC Code**

Not applicable.

Transport/Additional information:**ADR****Limited quantities (LQ)**

5L

Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

Transport category

3

Tunnel restriction code

D/E

(Contd. on page 10)

-GB-

Safety data sheet
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2015/830 and Regulation No 1272/2008/EC (CLP)

Printing date 10.01.2018

Version number 2

Revision: 17.03.2015

Trade name: AMB-x solvent

(Contd. of page 9)

IMDG**Limited quantities (LQ)**

5L

Excepted quantities (EQ)

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation":UN1993, FLAMMABLE LIQUID, N.O.S. (TURPENTINE
SUBSTITUTE, XYLENES), ENVIRONMENTALLY

HAZARDOUS, 3, III

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3**National regulations:****Other regulations, limitations and prohibitive regulations****Substances of very high concern (SVHC) according to REACH, Article 57**

It doesn't contain substances of very high concern (SVHC).

15.2 Chemical safety assessment:

Has been performed for the main ingredients of the product.

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

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.

H372 Causes damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs through prolonged or repeated exposure.

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(Contd. on page 11)

GB

Safety data sheet
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2015/830 and Regulation No 1272/2008/EC (CLP)

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Trade name: AMB-x solvent

(Contd. of page 10)

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

*** Data compared to the previous version altered.**