



...advanced chemical solutions for industry...

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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EP 04004

Revision 4
Revision date 2016-01-05

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	EP 04004
REACH	ALL INGREDIENTS IN THIS FORMULATION HAVE BEEN REGISTERED (WHERE REQUIRED) FOR APPLICABLE USES.

1.3. Details of the supplier of the safety data sheet

Company	Assured Solutions Ltd
Address	Unit H Westminster Industrial Estate Measham Derbyshire DE12 7DS
Web	www.chemicalsuppliers.uk.com
Telephone	+44 (0)1530 272922
Fax	+44 (0)1530 272921
Email	sales@assuredsolutionsltd.co.uk
Email address of the competent person	sales@assuredsolutionsltd.co.uk

1.4. Emergency telephone number

Emergency telephone number	01530 272 922
Company	ASSURED SOLUTIONS LTD 24hrs

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	Xn; R20/21-65 Xi; R38 R10-52/53 Symbols: Xn: Harmful.
Main hazards	Flammable. Harmful by inhalation and in contact with skin. Irritating to skin. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.
2.1.2. Classification - EC 1272/2008	: EUH066; Flam. Liq. 3: H226; Asp. Tox. 1: H304; Acute Tox. 4: H312; Skin Irrit. 2: H315; Eye Dam. 1: H318; Acute Tox. 4: H332; STOT SE 3: H336; Carc. 2: H351; Aquatic Chronic 3: H412;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	EUH066 - Repeated exposure may cause skin dryness or cracking. Flam. Liq. 3: H226 - Flammable liquid and vapour.

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2.2. Label elements

	<p>Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.</p> <p>Acute Tox. 4: H312 - Harmful in contact with skin.</p> <p>Skin Irrit. 2: H315 - Causes skin irritation.</p> <p>Eye Dam. 1: H318 - Causes serious eye damage.</p> <p>Acute Tox. 4: H332 - Harmful if inhaled.</p> <p>STOT SE 3: H336 - May cause drowsiness or dizziness.</p> <p>Carc. 2: H351 - Suspected of causing cancer .</p> <p>Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.</p>
Precautionary Statement: Prevention	<p>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P233 - Keep container tightly closed.</p> <p>P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.</p> <p>P271 - Use only outdoors or in a well-ventilated area.</p> <p>P273 - Avoid release to the environment.</p> <p>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</p>
Precautionary Statement: Response	<p>P301+P310 - IF SWALLOWED: IF SWALLOWED: Immediately call a POISON CENTER/doctor/ .</p> <p>P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P332+P313 - If skin irritation occurs: Get medical advice/attention.</p> <p>P370+P378 - In case of fire: Use suitable media to extinguish.</p>
Precautionary Statement: Storage	<p>P403+P233 - Store in a well-ventilated place. Keep container tightly closed.</p> <p>P403+P235 - Store in a well-ventilated place. Keep cool.</p> <p>P405 - Store locked up.</p>
Precautionary Statement: Disposal	<p>P501 - Dispose of contents/container to rEQUIREMENTS OF LOCAL AUTHORITIES</p>

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Xylene (Xylene, o-,m-,p-or mixed isomers)	601-022-00-9	1330-20-7	215-535-7		40 - 50%	R10 Xn; R20/21 Xi; R38	
SOLVENT NAPHTHA (PETROLEUM) HEAVY AROME		64742-94-5			10 - 20%	Xn; R65 N; R51/53	
Kerosine - unspecified - distillates (petroleum), hydrotreated light	649-422-00-2	64742-47-8	265-149-8	01-2119484819-18	10 - 20%	Xn; R65	
ETHANOLAMINE(NEUTRALISED)					1 - 10%		
ALCOHOL ETHOXYLATE		68439-46-3			1 - 10%	Xn; R22 Xi; R41	
PROPYLENE GLYCOL (Propane-1,2-diol total vapour and particulates)		57-55-6	200-338-0	01-2119456809-23	1 - 10%		

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3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Xylene (Xylene, o-,m-,p-or mixed isomers)	601-022-00-9	1330-20-7	215-535-7		40 - 50%	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315;	
SOLVENT NAPHTHA (PETROLEUM) HEAVY AROME		64742-94-5			10 - 20%	EUH066; EUH070; Acute Tox. 4: H302; Asp. Tox. 1: H304; Acute Tox. 4: H312; STOT SE 3: H336; Carc. 2: H351; Aquatic Chronic 2: H411;	
Kerosine - unspecified - distillates (petroleum), hydrotreated light DISTILLED TALL OIL(NEUTRALISED) ETHANOLAMINE(NEUTRALISED)	649-422-00-2	64742-47-8	265-149-8	01-2119484819-18	10 - 20%	Asp. Tox. 1: H304;	
ALCOHOL ETHOXYLATE		68439-46-3			1 - 10%		
PROPYLENE GLYCOL (Propane-1,2-diol total vapour and particulates)		57-55-6	200-338-0	01-2119456809-23	1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;	
SODIUM DODECYLBENZENE SULFONATE;		25155-30-0			0.5 - 1%	Skin Irrit. 2: H315; Eye Dam. 1: H318;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam.
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5.2. Special hazards arising from the substance or mixture

	. Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Eliminate all sources of ignition. Wear suitable protective equipment. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.1.1. Exposure Limit Values**

PROPYLENE GLYCOL (Propane-1,2-diol particulates)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 total respirable dust: -
PROPYLENE GLYCOL (Propane-1,2-diol total vapour and particulates)	WEL 8-hr limit ppm: 150	WEL 8-hr limit mg/m3: 474
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 total respirable dust: -
Xylene (Xylene, o-,m-,p-or mixed isomers)	WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m3: 220
	WEL 15 min limit ppm: 100	WEL 15 min limit mg/m3: 441
	WEL 8-hr limit mg/m3 total inhalable dust: -	WEL 15 min limit mg/m3 total inhalable dust: -
	WEL 8-hr limit mg/m3 total respirable dust: -	WEL 15 min limit mg/m3 total respirable dust: -

DNEL: Derived no-effect level.

No data is available on this product.

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Do not breathe gas/fumes/vapour/spray.

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

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9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Brown
Odour	Aromatic
pH	9.0 NOMINAL
Flash point	40
Relative density	0.84 NOMINAL

Water solubility

	Miscible in water.
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SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Oxidising agents.
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10.4. Conditions to avoid

	Heat, sparks and open flames.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Harmful by inhalation, in contact with skin and if swallowed.
Repeated or prolonged exposure	Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

SECTION 12: Ecological information

12.1. Toxicity

	No data is available on this product.
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12.2. Persistence and degradability

	DETERGENTS IN THIS FORMULATION ARE >90% BIODEGRADABLE. Evaporates slowly.
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SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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SECTION 14: Transport information

Hazard pictograms

	
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14.1. UN number

	UN1307
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14.2. UN proper shipping name

	XYLENES
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14.3. Transport hazard class(es)

ADR/RID	3
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14.3. Transport hazard class(es)

Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing group

Packing group	III
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14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

IMDG

EmS Code	F-E S-D
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IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

SECTION 15: Regulatory information

15.2. Chemical safety assessment

	No chemical Safety assessment has been carried out by the supplier.
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SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 1 - REACH. 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage. 2 - Precautionary Statement: Disposal. 6 - 6.1. Personal precautions, protective equipment and emergency procedures. 8 - Respiratory protection. 8 - DNEL: Derived no-effect level. 12 - 12.1. Toxicity. 12 - 12.2. Persistence and degradability. 15 - 15.2. Chemical safety assessment.
Text of risk phrases in Section 3	R10 - Flammable R20/21 - Harmful by inhalation and in contact with skin. R22 - Harmful if swallowed. R36/37 - Irritating to eyes and respiratory system. R38 - Irritating to skin. R41 - Risk of serious damage to eyes. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic

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Other information

Text of Hazard Statements in Section 3	<p>environment. R65 - Harmful: may cause lung damage if swallowed.</p> <hr/> <p>Flam. Liq. 3: H226 - Flammable liquid and vapour. Acute Tox. 4: H312 - Harmful in contact with skin. Skin Irrit. 2: H315 - Causes skin irritation. Acute Tox. 4: H332 - Harmful if inhaled. EUH066 - Repeated exposure may cause skin dryness or cracking. EUH070 - Toxic by eye contact. Acute Tox. 4: H302+H312 - Harmful if swallowed or in contact with skin Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. STOT SE 3: H336 - May cause drowsiness or dizziness. Carc. 2: H351 - Suspected of causing cancer . Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Acute Tox. 4: H302 - Harmful if swallowed. Eye Dam. 1: H318 - Causes serious eye damage.</p>
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Further information

	<p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.</p>
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