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# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## EP 09121 ACTISOLVE

Revision 1

Revision date 2015-08-06

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

#### 1.1. Product identifier

Product name	EP 09121 ACTISOLVE
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	T; R61 Xn; R65 Xi; R36/37/38 R52/53 Symbols: T: Toxic.
Main hazards	Irritating to eyes, respiratory system and skin. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. May cause harm to the unborn child. Harmful: may cause lung damage if swallowed.
2.1.2. Classification - EC 1272/2008	Asp. Tox. 1: H304; Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; STOT SE 3: H335; Repr. 1B: H360D; Aquatic Chronic 2: H411;

#### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Skin Irrit. 2: H315 - Causes skin irritation.

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## 2.2. Label elements

<b>Precautionary Statement: Prevention</b>	Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation. Repr. 1B: H360D - May damage the unborn child. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
	P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 - IF exposed or concerned: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.
<b>Precautionary Statement: Storage</b>	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.
<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to rEQUIREMENTS OF LOCAL AUTHORITIES

## 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.
Kerosine - unspecified - distillates (petroleum), hydrotreated light	649-422-00-2	64742-47-8	265-149-8	01-2119484819-18	40 - 50%	Xn; R65	
N-Methyl-2-pyrrolidone (1-Methyl-2-pyrrolidone)	606-021-00-7	872-50-4	212-828-1		10 - 20%	Repr. Cat. 2; R61 Xi; R36/37/38	
DISTILLED TALL OIL(NEUTRALISED)					10 - 20%		
ORANGE TERPENE		8028-48-6	232-433-8		1 - 10%	Xn; R65 Xi; R38 N; R51/53 R10	
ETHANOLAMINE(NEUTRALISED)					1 - 10%		

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Kerosine - unspecified - distillates (petroleum), hydrotreated light	649-422-00-2	64742-47-8	265-149-8	01-2119484819-18	40 - 50%	Asp. Tox. 1: H304;	
N-Methyl-2-pyrrolidone (1-Methyl-2-pyrrolidone)	606-021-00-7	872-50-4	212-828-1		10 - 20%	Repr. 1B: H360D; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315;	
DISTILLED TALL OIL(NEUTRALISED)					10 - 20%		
ORANGE TERPENE		8028-48-6	232-433-8		1 - 10%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Aquatic Chronic 1: H410;	
ETHANOLAMINE(NEUTRALISED)					1 - 10%		

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

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## 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

	Self-contained breathing apparatus. Wear protective clothing.
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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. Wear suitable protective equipment.
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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. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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## 7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.
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## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

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## 8.1.1. Exposure Limit Values

N-Methyl-2-pyrrolidone	WEL 8-hr limit ppm: 10 WEL 15 min limit ppm: 20 WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: -	WEL 8-hr limit mg/m3: 40 WEL 15 min limit mg/m3: 80 WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: -
N-Methyl-2-pyrrolidone (1-Methyl-2-pyrrolidone)	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: 75 WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: -	WEL 8-hr limit mg/m3: 103 WEL 15 min limit mg/m3: 309 WEL 15 min limit mg/m3 total inhalable 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	Self-contained breathing apparatus. Wear protective clothing.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Amber
Odour	Characteristic
pH	9.0 NOMINAL
Flash point	70
Relative density	0.900 NOMINAL

## Water solubility

Miscible in water.

## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

Stable under normal conditions.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Repeated or prolonged exposure	Repeated or prolonged exposure may cause dermatitis. May cause dermatitis.
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## 11.1.4. Toxicological Information

ORANGE TERPENE	Inhalation Rat LC50/4 h: 5mg/l
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## SECTION 12: Ecological information

## 12.2. Persistence and degradability

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## 12.2. Persistence and degradability

Evaporates slowly. Water endangering.

## SECTION 13: Disposal considerations

## General information

Dispose of in compliance with all local and national regulations.

## SECTION 14: Transport information

## Further information

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

## 15.2. Chemical safety assessment

No chemical Safety assessment has been carried out by the supplier.

## SECTION 16: Other information

## Other information

## Revision

This document differs from the previous version in the following areas:.

- 1 - REACH.
- 2 - 2.1. Classification of the substance or mixture.
- 2 - 2.1.2. Classification - EC 1272/2008.
- 2 - Hazard pictograms.
- 2 - Precautionary Statement: Prevention.
- 2 - Precautionary Statement: Response.
- 2 - Precautionary Statement: Storage.
- 2 - Precautionary Statement: Disposal.
- 8 - DNEL: Derived no-effect level.
- 9 - 9.1. Information on basic physical and chemical properties (Appearance).
- 9 - 9.1. Information on basic physical and chemical properties (Colour).
- 9 - 9.1. Information on basic physical and chemical properties (Odour).
- 15 - Labelling.
- 15 - Risk phrases.
- 15 - Safety phrases.
- 15 - 15.2. Chemical safety assessment.

## Text of risk phrases in Section 3

- R10 - Flammable
- R36/37/38 - Irritating to eyes, respiratory system and skin.
- R36/37 - Irritating to eyes and respiratory system.
- R38 - Irritating to skin.
- R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R61 - May cause harm to the unborn child.
- R65 - Harmful: may cause lung damage if swallowed.

## Text of Hazard Statements in Section 3

- Skin Irrit. 2: H315 - Causes skin irritation.
- Eye Irrit. 2: H319 - Causes serious eye irritation.
- STOT SE 3: H335 - May cause respiratory irritation.
- Repr. 1B: H360D - May damage the unborn child.

## Further information

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.