

# SAFETY DATA SHEET

## UT66 THINNERS

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

#### 1.1. Product identifier

Product name	UT66 THINNERS
Product number	UT66
CAS number	1330-20-7
EU index number	601-022-00-9
EC number	215-535-7

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

Identified uses	THINNER
-----------------	---------

#### 1.3. Details of the supplier of the safety data sheet

Manufacturer	AEV LIMITED MARION STREET BIRKENHEAD MERSEYSIDE CH41 6LT Tel. +44(0)151 647 3322 Fax. +44(0)151 647 3377
--------------	--

#### 1.4. Emergency telephone number

Emergency telephone	ECOSTAR Environmental 0044 (0) 172 4732 138 (Monday to Friday 09.00 - 17.00) 0044 (0) 800 2461 274 (Out of office hours)
---------------------	--

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards	Flam. Liq. 3 - H226
Health hazards	Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335, H336 STOT RE 2 - H373 Asp. Tox. 1 - H304
Environmental hazards	Aquatic Chronic 3 - H412

#### 2.2. Label elements

EC number	215-535-7
-----------	-----------

##### Pictogram



Signal word

Danger

## UT66 THINNERS

<b>Hazard statements</b>	<p>H226 Flammable liquid and vapour.  H304 May be fatal if swallowed and enters airways.  H315 Causes skin irritation.  H319 Causes serious eye irritation.  H332 Harmful if inhaled.  H335 May cause respiratory irritation.  H336 May cause drowsiness or dizziness.  H373 May cause damage to organs through prolonged or repeated exposure.  H412 Harmful to aquatic life with long lasting effects.</p>
<b>Precautionary statements</b>	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  P261 Avoid breathing vapour/ spray.  P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P314 Get medical advice/ attention if you feel unwell.  P403+P235 Store in a well-ventilated place. Keep cool.  P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>Contains</b>	XYLENE, 1-METHOXY-2-PROPANOL
<b>Supplementary precautionary statements</b>	<p>P240 Ground and bond container and receiving equipment.  P241 Use explosion-proof electrical equipment.  P242 Use non-sparking tools.  P243 Take action to prevent static discharges.  P260 Do not breathe vapour/ spray.  P264 Wash contaminated skin thoroughly after handling.  P271 Use only outdoors or in a well-ventilated area.  P273 Avoid release to the environment.  P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  P302+P352 IF ON SKIN: Wash with plenty of water.  P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  P312 Call a POISON CENTRE/doctor if you feel unwell.  P321 Specific treatment (see medical advice on this label).  P331 Do NOT induce vomiting.  P332+P313 If skin irritation occurs: Get medical advice/ attention.  P337+P313 If eye irritation persists: Get medical advice/ attention.  P362+P364 Take off contaminated clothing and wash it before reuse.  P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.  P403+P233 Store in a well-ventilated place. Keep container tightly closed.  P405 Store locked up.</p>

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>1-METHOXY-2-PROPANOL</b>	<b>30-60%</b>
CAS number: 107-98-2	EC number: 203-539-1
<b>Classification</b>	
Flam. Liq. 3 - H226	
STOT SE 3 - H336	

## UT66 THINNERS

<b>XYLENE</b>	<b>30-60%</b>
CAS number: 1330-20-7	EC number: 215-535-7
<b>Classification</b> Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335 STOT RE 2 - H373 Asp. Tox. 1 - H304 Aquatic Chronic 3 - H412	

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air at once. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.
<b>Ingestion</b>	Do not induce vomiting. Remove affected person from source of contamination. Rinse mouth thoroughly with water. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention immediately.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

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

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

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with the following media: Foam. Dry chemicals, sand, dolomite etc.

#### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** Fire creates: Toxic gases/vapours/fumes of: Carbon. Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Nitrous gases (NO<sub>x</sub>). Hydrocarbons.

#### 5.3. Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Cool containers exposed to flames with water until well after the fire is out. Control run-off water by containing and keeping it out of sewers and watercourses.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.2. Environmental precautions

## UT66 THINNERS

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers.

### 6.4. Reference to other sections

#### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Use explosion proof electric equipment.

#### 7.2. Conditions for safe storage, including any incompatibilities

#### 7.3. Specific end use(s)

#### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m<sup>3</sup>

Sk

##### 1-METHOXY-2-PROPANOL

Long-term exposure limit (8-hour TWA): WEL 100 ppm 375 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 150 ppm 560 mg/m<sup>3</sup>

Sk

##### XYLENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m<sup>3</sup>

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

Sk = Can be absorbed through skin.

#### 8.2. Exposure controls

#### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Characteristic.
<b>Initial boiling point and range</b>	119-143°C @ 760 mm Hg
<b>Flash point</b>	29°C Closed cup.
<b>Upper/lower flammability or explosive limits</b>	Upper flammable/explosive limit: 11.5 Lower flammable/explosive limit: 1
<b>Vapour pressure</b>	0.48 kPa @ °C
<b>Vapour density</b>	3.42
<b>Relative density</b>	0.9 @ 23°C

## UT66 THINNERS

<b>Solubility(ies)</b>	Slightly soluble in water.
<b>Auto-ignition temperature</b>	270°C
<b>Viscosity</b>	0.5 P @ 25°C

### 9.2. Other information

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

##### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

##### 10.3. Possibility of hazardous reactions

##### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat. Avoid contact with the following materials: Oxidising agents. Reducing agents.

##### 10.5. Incompatible materials

##### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

##### Acute toxicity - dermal

**ATE dermal (mg/kg)** 3,400.0

##### Acute toxicity - inhalation

**ATE inhalation (gases ppm)** 10,000.0

**Inhalation** Harmful by inhalation. Vapours may cause headache, fatigue, dizziness and nausea.

**Ingestion** Harmful if swallowed. May cause internal injury.

**Skin contact** May be absorbed through the skin. Product has a defatting effect on skin.

**Eye contact** Irritation of eyes and mucous membranes.

**Acute and chronic health hazards** Inhalation Gas or vapour is harmful on prolonged exposure or in high concentrations. SKIN CONTACT. Irritating to skin. Product has a defatting effect on skin. May cause allergic contact eczema. EYE CONTACT. Irritating to eyes. INGESTION. May cause stomach pain or vomiting.

**Route of exposure** Inhalation Skin absorption

##### Toxicological information on ingredients.

#### 1-METHOXY-2-PROPANOL

##### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> gases ppmV)** 10,000.0

**ATE inhalation (gases ppm)** 10,000.0

##### Skin corrosion/irritation

## UT66 THINNERS

<b>Animal data</b>	Moderately irritating.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Slightly irritating.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	Not available.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Not available.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	No data available
<b>Reproductive toxicity - development</b>	Does not contain any substances known to be toxic to reproduction.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	May cause drowsiness or dizziness
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	No specific test data are available.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Not relevant.

### XYLENE

<b><u>Acute toxicity - oral</u></b>	
<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	4,300.0
<b>Species</b>	Rat
<b>ATE oral (mg/kg)</b>	4,300.0
<b><u>Acute toxicity - dermal</u></b>	
<b>Acute toxicity dermal (LD<sub>50</sub> mg/kg)</b>	1,700.0
<b>Species</b>	Rabbit
<b>ATE dermal (mg/kg)</b>	1,700.0
<b><u>Acute toxicity - inhalation</u></b>	
<b>Acute toxicity inhalation (LC<sub>50</sub> gases ppmV)</b>	5,000.0
<b>Species</b>	Rat
<b>ATE inhalation (gases ppm)</b>	5,000.0

## UT66 THINNERS

### Skin corrosion/irritation

**Animal data** Irritating.

### Serious eye damage/irritation

**Serious eye damage/irritation** Slightly irritating.

### Respiratory sensitisation

**Respiratory sensitisation** There is no evidence that the product can cause respiratory hypersensitivity.

### Skin sensitisation

**Skin sensitisation** Epidemiological studies have shown no evidence of skin sensitisation.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Negative.

**Genotoxicity - in vivo** Negative.

### Carcinogenicity

**Carcinogenicity** There is no evidence that the product can cause cancer.

**IARC carcinogenicity** IARC Group 3 Not classifiable as to its carcinogenicity to humans.

### Reproductive toxicity

**Reproductive toxicity - fertility** No evidence of reproductive toxicity in animal studies.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Central and/or peripheral nervous system damage. Liver and/or kidney damage.

**Target organs** Kidneys Liver Central nervous system

### Aspiration hazard

**Aspiration hazard** Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis. May be fatal if swallowed and enters airways.

**Inhalation** Harmful by inhalation.

**Ingestion** May cause stomach pain or vomiting.

**Skin contact** Harmful in contact with skin. The product is irritating to eyes and skin.

**Eye contact** Vapour or spray may cause temporary (reversible) eye damage.

## SECTION 12: Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment.

### 12.1. Toxicity

#### Ecological information on ingredients.

#### 1-METHOXY-2-PROPANOL

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 20800 mg/l, Fish

## UT66 THINNERS

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 48 mg/l, Daphnia magna

### XYLENE

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 2 mg/l, Fish

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 24 hours: 75.49 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 14 days: 72 mg/l, Pseudokirchneriella subcapitata

### 12.2. Persistence and degradability

#### Ecological information on ingredients.

#### 1-METHOXY-2-PROPANOL

**Persistence and degradability** No data available

### XYLENE

**Persistence and degradability** No data available.

### 12.3. Bioaccumulative potential

#### Ecological information on ingredients.

#### 1-METHOXY-2-PROPANOL

**Bioaccumulative potential** No data available on bioaccumulation.

### XYLENE

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

#### Ecological information on ingredients.

#### 1-METHOXY-2-PROPANOL

**Mobility** No data available

### XYLENE

**Mobility** No data available

### 12.5. Results of PBT and vPvB assessment

#### Ecological information on ingredients.

#### 1-METHOXY-2-PROPANOL

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### XYLENE



## UT66 THINNERS

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

#### Ecological information on ingredients.

#### 1-METHOXY-2-PROPANOL

**Other adverse effects** No data available

#### XYLENE

**Other adverse effects** Toxic to aquatic life

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID)	1263
UN No. (IMDG)	1263
UN No. (ICAO)	1263
UN No. (ADN)	1263

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	PAINT RELATED MATERIAL
Proper shipping name (IMDG)	PAINT RELATED MATERIAL
Proper shipping name (ICAO)	PAINT RELATED MATERIAL
Proper shipping name (ADN)	PAINT RELATED MATERIAL

#### 14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

#### Transport labels



#### 14.4. Packing group

ADR/RID packing group	III
-----------------------	-----

## UT66 THINNERS

IMDG packing group	III
ADN packing group	III
ICAO packing group	III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

EmS	F-E, S-E
ADR transport category	3
Emergency Action Code	•3Y
Hazard Identification Number (ADR/RID)	30
Tunnel restriction code	(D/E)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

#### SECTION 15: Regulatory information

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

<b>National regulations</b>	Petroleum (Consolidation) Act, as amended 1984 SI 1244. Highly Flammable Liquid Regulations 1972. Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste) Regulations 1980 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). Control of Substances Hazardous to Health Regulations 2002 (as amended).
<b>EU legislation</b>	System of specific information relating to Dangerous Preparations. 2001/58/EC.
<b>Guidance</b>	Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131.

### 15.2. Chemical safety assessment

#### SECTION 16: Other information

Revision date	13/07/2017
Revision	15
Supersedes date	08/07/2015
Hazard statements in full	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. H336 May cause drowsiness or dizziness. H373 May cause damage to organs through prolonged or repeated exposure. H412 Harmful to aquatic life with long lasting effects.

## UT66 THINNERS