

# ULTRIMAX MEK THINNERS

HEALTH AND SAFETY DATA SHEET  
Revised 15/5/2024 Revision No. 3

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## 1. PRODUCT AND COMPANY IDENTIFICATION

1.01 Product Code	Ultrimax MEK Thinners
1.02 Manufacturer/Supplier	Ultrimax Coatings Ltd
1.03 Address	Shaw Lane Industrial Estate, Ogden Road, Doncaster, DN2 4SE
1.04 Contact	www.ultrimaxstore.com
1.05 Phone Number	01302 856666
1.06 Email	sales@ultrimaxcoatings.co.uk
1.7 Emergency Phone Number	01302 856666

## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

**Classification under CLP:** STOT SE 3: H336; Acute Tox. 4: H312; Eye Irrit. 2: H319; Flam. Liq. 2: H225; Skin Irrit. 2: H315  
**Most important adverse effects:** Highly flammable liquid and vapour. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness.

### 2.2. Label elements

**Label elements:**

**Hazard statements:**  
H225: Highly flammable liquid and vapour.  
H312: Harmful in contact with skin.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.

**Signal words:** Danger

**Hazard pictograms:**  
GHS02: Flame  
GHS07: Exclamation mark



**Precautionary statements:**  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P241: Use explosion-proof electrical/ventilating/lighting/.. equipment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+350: IF ON SKIN: Gently wash with plenty of soap and water.  
P302+352: IF ON SKIN: Wash with plenty of water/.  
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

**Chemical identity:** M.E.K

**CAS number:** 78-93-3

**EINECS number:** 201-159-0

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>Skin contact:</b>	Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.
<b>Eye contact:</b>	Bathe the eye with running water for 15 minutes. Consult a doctor.
<b>Ingestion:</b>	Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
<b>Inhalation:</b>	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

<b>Skin contact:</b>	There may be irritation and redness at the site of contact.
<b>Eye contact:</b>	There may be pain and redness. The eyes may water profusely.
<b>Ingestion:</b>	There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur.
<b>Inhalation:</b>	There may be irritation of the throat with a feeling of tightness in the chest.
<b>Delayed / immediate effects:</b>	Immediate effects can be expected after short-term exposure.

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

<b>Immediate / special treatment:</b>	Not applicable.
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## 5. FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

<b>Extinguishing media:</b>	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
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### 5.2. Special hazards arising from the substance or mixture

<b>Exposure hazards:</b>	In combustion emits toxic fumes.
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### 5.3. Advice for fire-fighters

<b>Advice for fire-fighters:</b>	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
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## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## 7. HANDLING & STORAGE

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Workplace exposure limits:		Respirable dust		
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	600 mg/m <sup>3</sup>	899 mg/m <sup>3</sup>	-	-

#### Hazardous ingredients:

##### M.E.K

UK	600 mg/m <sup>3</sup>	899 mg/m <sup>3</sup>	-	-
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#### DNEL/PNEC Values

DNEL / PNEC No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Impermeable gloves.

**Eye protection:** Safety glasses with side-shields. Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

**Environmental:** Prevent from entering in public sewers or the immediate environment.

## 9. PHYSICAL & CHEMICAL PROPERTIES

State:	Liquid	Flammability limits %:	lower: 1.8
Colour:	Colourless		upper: 11.5
Odour:	Characteristic odour	Flash point°C:	-6
Evaporation rate:	No data available.	Part.coeff. n-octanol/water:	No data available.
Oxidising:	No data available.	Autoflammability°C:	404
Solubility in water:	Soluble	Vapour pressure:	No data available.
Viscosity:	No data available.	Relative density:	0.8054 20
Boiling point/range°C:	7.96 1013hPa	pH:	No data available.
Melting point/range°C:	-86	VOC g/l:	No data available.

### 9.2. Other information

Other information: No data available.

## 10. STABILITY & REACTIVITY

### 10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

Chemical stability: Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

Conditions to avoid: Heat.

### 10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Relevant hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	DRM	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

### Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

Ecotoxicity values: No data available.

### 12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

### 12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

### 12.4. Mobility in soil

Mobility: Readily absorbed into soil.

### 12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Solvent reclamation/regeneration.

Waste code number: 08.01.11

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14. TRANSPORT INFORMATION

### 14.1. UN number

UN number: UN1193

### 14.2. UN proper shipping name

Shipping name: ETHYL METHYL KETONE  
(METHYL ETHYL KETONE)

### 14.3. Transport hazard class(es)

Transport class: 3

### 14.4. Packing group

Packing group: II

### 14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

### 14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 2

## 15. REGULATORY INFORMATION

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

Specific regulations: Not applicable.

### 15.2. Chemical Safety Assessment

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## 16. OTHER INFORMATION

### Other information:

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

### Phrases used in s.2 and s.3:

225: Highly flammable liquid and vapour.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.