



# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## QF-300A FLUX THINNER

Revision 0  
Revision date 2013-03-11

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

#### 1.1. Product identifier

Product name	QF-300A FLUX THINNER
CAS No.	67-63-0
EC No.	200-661-7
Index No.	603-117-00-0

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

Company	Qualitek Europe Ltd
Address	Unit 9 Apex Court Bassendale Road Bromborough Wirral CH62 3RE
Web	www.qualitek.com
Telephone	+ 44(0)151 334 0888
Fax	+ 44(0)151 334 1408
Email address of the competent person	sales@qualitek-europe.com

#### 1.4. Emergency telephone number

Emergency telephone number	+ 44(0)151 334 0888
	9.00 am - 5.00 pm Mon -Fri

### SECTION 2: Hazards identification

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

2.1.1. Classification - 67/548/EEC	F; R11 Xi; R36 R67 Symbols: F: Highly flammable. Xi: Irritant.
Main hazards	Highly flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.
2.1.2. Classification - EC 1272/2008	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;

#### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H336 - May cause drowsiness or dizziness.

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## 2.2. Label elements

<b>Precautionary Statement: Prevention</b>	<p>P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking.</p> <p>P233 - Keep container tightly closed.</p> <p>P240 - Ground/bond container and receiving equipment.</p> <p>P241 - Use explosion-proof electrical/ventilating/lighting// equipment.</p> <p>P242 - Use only non-sparking tools.</p> <p>P243 - Take precautionary measures against static discharge.</p> <p>P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.</p> <p>P264 - Wash thoroughly after handling.</p> <p>P271 - Use only outdoors or in a well-ventilated area.</p> <p>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</p>
<b>Precautionary Statement: Response</b>	<p>P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position 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>P312 - Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>P337+P313 - If eye irritation persists: Get medical advice/attention.</p> <p>P370+P378 - In case of fire: Use for extinction.</p>
<b>Precautionary Statement: Storage</b>	<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>
<b>Precautionary Statement: Disposal</b>	<p>P501 - Dispose of contents/container to</p>

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

## 67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Isopropanol	603-117-00-0	67-63-0	200-661-7		90 - 100%	F; R11 Xi; R36 R67

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Isopropanol	603-117-00-0	67-63-0	200-661-7		90 - 100%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
<b>Eye contact</b>	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Carbon oxides.
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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.

## 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. Eliminate all sources of ignition. Evacuate personnel to a safe area.

### 6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

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

Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 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.

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

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

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

QF-300A FLUX THINNER	WEL 8-hr limit ppm: 400	WEL 8-hr limit mg/m3: 999
	WEL 15 min limit ppm: 500	WEL 15 min limit mg/m3: 1250

### 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	Wear suitable respiratory equipment when necessary.

## SECTION 9: Physical and chemical properties

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

State	Liquid
Colour	Colourless
Odour	Alcoholic
Boiling point	82 °C
Flash point	12 °C
Upper Explosive Limit	12 %
Lower Explosive Limit	2.5 %
Autoignition temperature	350 °C
Solubility	Soluble in water

### 9.2. Other information

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## 9.2. Other information

Specific gravity	0.795 - 0.805
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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

## 11.1.4. Toxicological Information

QF-300A FLUX THINNER	Dermal Rat LD50: >2000	Oral Mouse LD50: >2000
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## SECTION 12: Ecological information

## 12.3. Bioaccumulative potential

	Does not bioaccumulate.
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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



## 14.1. UN number

	UN1219
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## 14.2. UN proper shipping name

	ISOPROPANOL
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## 14.3. Transport hazard class(es)

ADR/RID	3
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Subsidiary risk	-
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IMDG	3
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Subsidiary risk	-
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IATA	3
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Subsidiary risk	-
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## 14.4. Packing group

Packing group	II
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## 14.5. Environmental hazards

Environmental hazards	No
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Marine pollutant	No
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## ADR/RID

Hazard ID	33
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Tunnel Category	(D/E)
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<b>IMDG</b>	
<b>EmS Code</b>	F-E S-D
<b>IATA</b>	
<b>Packing Instruction (Cargo)</b>	364
<b>Maximum quantity</b>	60 L
<b>Packing Instruction (Passenger)</b>	353
<b>Maximum quantity</b>	5 L
<b>Further information</b>	
	The product is not classified as dangerous for carriage.

<b>SECTION 15: Regulatory information</b>
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<b>SECTION 16: Other information</b>
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<b>Other information</b>	
<b>Text of risk phrases in Section 3</b>	R11 - Highly flammable. R36 - Irritating to eyes. R67 - Vapours may cause drowsiness and dizziness.
<b>Text of Hazard Statements in Section 3</b>	Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H336 - May cause drowsiness or dizziness.
<b>Further information</b>	
	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.