



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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QF-737N-FLUX

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-737N-FLUX

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 - 1999/45/EC F; R11 Xi; R36 R67
Symbols: F: Highly flammable. Xi: Irritant.

Main hazards Highly flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.

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
Isopropanol	603-117-00-0	67-63-0	200-661-7		90 - 100%	F; R11 Xi; R36 R67
Other (Not Classified)					1 - 10%	Xi; R36/37/38

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation 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.

Eye contact Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

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4.1. Description of first aid measures

Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	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.
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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. Eliminate all sources of ignition. Evacuate personnel to a safe area.
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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. Sweep up. 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.
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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. Store in correctly labelled containers.
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SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.1.1. Exposure Limit Values**

Isopropanol	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**

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9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Amber
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

Specific gravity	0.84 - 0.852
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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-737N-FLUX	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

	
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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
Subsidiary risk	-
IMDG	3
Subsidiary risk	-



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14.3. Transport hazard class(es)	
IATA	3
Subsidiary risk	-
14.4. Packing group	
Packing group	II
14.5. Environmental hazards	
Environmental hazards	No
Marine pollutant	No
ADR/RID	
Hazard ID	33
Tunnel Category	(D/E)
IMDG	
EmS Code	F-E S-D
IATA	
Packing Instruction (Cargo)	364
Maximum quantity	60 L
Packing Instruction (Passenger)	353
Maximum quantity	5 L
Further information	
	The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

Labelling	
Symbols	The product is classified in accordance with 67/548/EEC. F: Highly flammable. Xi: Irritant.
	 
	Risk phrases
	R11 - Highly flammable. R36 - Irritating to eyes. R67 - Vapours may cause drowsiness and dizziness.
Safety phrases	S16 - Keep away from sources of ignition - No smoking.

SECTION 16: Other information

Other information	
Text of risk phrases in Section 3	R11 - Highly flammable. R36/37/38 - Irritating to eyes, respiratory system and skin. R36 - Irritating to eyes. R67 - Vapours may cause drowsiness and dizziness.
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.