SAFETY DATA SHEET

Q-Connect Surface & Whiteboard Cleaning Fluid

According to Regulation (EC) No 1907/2006, Annex II, as amended.

SECTION 1: Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Product name	Q-Connect Surface & Whiteboard Cleaning Fluid	
Product number	KF04552, ZP	
1.2. Relevant identified uses of the substance or mixture and uses advised against		
Identified uses	Cleaning agent.	
Uses advised against	No specific uses advised against are identified.	
1.3. Details of the supplier of the supplicit states and the supplicit states are supplied as the supplicit states are supplicit. The supplicit states are supplicit states are supplicit states are supplicit states are supplicit. The supplicit states are supplicit states are supplicit states are supplicit states are supplicit. The supplicit states are supplicit states are supplicit states are supplicit states are supplicit. The supplicit states are supplicit states are supplicit states are supplicit states are supplicit. The supplicit states are supplicit states are supplicit states are supplicit. The supplicit states are supplicit states are supplicit states are supplicit. The supplicit states are supplicit. The supplicit states are supplicit states are supplicit. The supplicit states are supplicit states are supplicit. The supplicit states are supplicit states are supplised are supplicit. The s	the safety data sheet	
Supplier		
	Interaction-Connect SA	
	296-298 Route De Longwy	
	L-1940 Luxembourg	
	+32 93 80 82 48	
	www.opinfo.net	
1.4. Emergency telephone number		
Emergency telephone	+44 1865 407333	
SECTION 2: Hazards identification		
SECTION 2: Hazards identific	ation	
SECTION 2: Hazards identific 2.1. Classification of the subs		
	tance or mixture	
2.1. Classification of the subs	tance or mixture	
2.1. Classification of the subs Classification (EC 1272/2008)	tance or mixture	
2.1. Classification of the subs Classification (EC 1272/2008) Physical hazards	tance or mixture Not Classified	
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2.1. Classification of the subs Classification (EC 1272/2008) Physical hazards Health hazards Environmental hazards 2.2. Label elements	tance or mixture Not Classified Not Classified Not Classified EUH208 Contains 1,2-Benzisothiazol-3(2H)-one, Reaction mass of: 5-chloro-2-methyl-4- isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6]	
2.1. Classification of the subs Classification (EC 1272/2008) Physical hazards Health hazards Environmental hazards 2.2. Label elements Hazard statements	tance or mixture Not Classified Not Classified Not Classified EUH208 Contains 1,2-Benzisothiazol-3(2H)-one, Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.	

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

1-Methoxy-2-propanol		10-30%
CAS number: 107-98-2	EC number: 203-539-1	REACH registration number: 01- 2119457435-35-XXXX
Classification		
Flam. Liq. 3 - H226		
STOT SE 3 - H336		
The full text for all hazard state	ements is displayed in Section 16.	
SECTION 4: First aid measure	98	
4.1. Description of first aid me	asures	
General information	If in doubt, get medical attention promptly. Sl personnel.	now this Safety Data Sheet to the medical
Inhalation	No specific recommendations. If throat irritation Move affected person to fresh air and keep v breathing. Loosen tight clothing such as collar discomfort continues.	varm and at rest in a position comfortable for
Ingestion	No specific recommendations. If throat irritation or coughing persists, proceed as follows. Rinse mouth. Get medical attention if any discomfort continues.	
Skin contact	No specific recommendations. Rinse with wa continues.	ter. Get medical attention if any discomfort
Eye contact	Rinse with water. Get medical attention if any discomfort continues.	
Protection of first aiders	Use protective equipment appropriate for sur	rounding materials.
4.2. Most important symptoms	and effects, both acute and delayed	
General information	The severity of the symptoms described will length of exposure.	vary dependent on the concentration and the
Inhalation	No specific symptoms known. Spray/mists m	ay cause respiratory tract irritation.
ngestion	No specific symptoms known. May cause dis	comfort if swallowed.
Skin contact	No specific symptoms known. May cause dis	scomfort.
Eye contact	No specific symptoms known. May be slightly	y irritating to eyes.
4.3. Indication of any immedia	te medical attention and special treatment nee	ded
Notes for the doctor	Treat symptomatically.	
Specific treatments	No special treatment required.	
SECTION 5: Firefighting meas	sures	
5.1. Extinguishing media		
Suitable extinguishing media	The product is not flammable. Extinguish with powder or water fog. Use fire-extinguishing n	
Unsuitable extinguishing	Do not use water jet as an extinguisher, as th	nis will spread the fire.

media

5.2. Special hazards arising from the substance or mixture

Specific hazards Containers can burst violently or explode when heated, due to excessive pressure build-up.

Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.
5.3. Advice for firefighters	
Protective actions during firefighting	Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions No specific recommendations. For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions Avoid discharge to the aquatic environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning upReuse or recycle products wherever possible. Absorb spillage to prevent material damage.Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage.Dispose of contents/container in accordance with national regulations.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage 7.1. Precautions for safe handling

Usage precautions	Keep out of the reach of children. Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Avoid discharge to the aquatic environment.
Advice on general occupational hygiene	Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.
7.2. Conditions for safe stor	age, including any incompatibilities
Storage precautions	No specific recommendations.
Storage class	Unspecified storage.
7.3. Specific end use(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
SECTION 8: Exposure Con	trols/personal protection

8.1. Control parameters

Occupational exposure limits

1-Methoxy-2-propanol

Long-term exposure limit (8-hour TWA): WEL 100 ppm 375 mg/m³ Short-term exposure limit (15-minute): WEL 150 ppm 560 mg/m³ Sk

Ethanol

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³ WEL = Workplace Exposure Limit Sk = Can be absorbed through the skin.

8.2. Exposure controls

Appropriate engineering controls	No specific ventilation requirements.
Eye/face protection	No specific eye protection required during normal use. Large Spillages: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.
Hand protection	No specific hand protection recommended.
Other skin and body protection	Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.
Hygiene measures	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.
Respiratory protection	No specific recommendations. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.
Environmental exposure controls	Not regarded as dangerous for the environment.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

F	
Appearance	Liquid.
Colour	Colourless.
Odour	Characteristic.
Odour threshold	Not available.
рН	pH (concentrated solution): 6.5-9
Melting point	Not available.
Initial boiling point and range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Evaporation factor	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	Not available.
Other flammability	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Bulk density	Not available.

Solubility(ies)	Not available.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not available.
Explosive properties	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.
9.2. Other information	
SECTION 10: Stability and rea	activity
10.1. Reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
10.2. Chemical stability	
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
10.3. Possibility of hazardous	reactions
Possibility of hazardous reactions	No potentially hazardous reactions known.
10.4. Conditions to avoid	
Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
10.5. Incompatible materials	
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
10.6. Hazardous decompositio	on products
Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.
SECTION 11: Toxicological int	formation
11.1. Information on toxicologi	cal effects
Toxicological effects	Not regarded as a health hazard under current legislation.
Acute toxicity - oral Notes (oral LD₅₀)	Based on available data the classification criteria are not met.
Acute toxicity - dermal Notes (dermal LD₅₀)	Based on available data the classification criteria are not met.
Acute toxicity - inhalation Notes (inhalation LC ₅₀)	Based on available data the classification criteria are not met.
Skin corrosion/irritation Animal data	Based on available data the classification criteria are not met.
Serious eye damage/irritation Serious eye damage/irritation	Based on available data the classification criteria are not met.

Respiratory sensitisation Respiratory sensitisation	Based on available data the classification criteria are not met.	
Skin sensitisation Skin sensitisation	Based on available data the classification criteria are not met.	
Germ cell mutagenicity Genotoxicity - in vitro	Based on available data the classification criteria are not met.	
Carcinogenicity Carcinogenicity	Based on available data the classification criteria are not met.	
IARC carcinogenicity	Contains a substance/a group of substances which may cause cancer. IARC Group 1 Carcinogenic to humans.	
Reproductive toxicity	Based on available data the eleccification exiteria are not mat	
Reproductive toxicity - fertility Reproductive toxicity -	Based on available data the classification criteria are not met. Based on available data the classification criteria are not met.	
development		
Specific target organ toxicity -	single exposure	
STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.	
Specific target organ toxicity -	repeated exposure	
STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.	
Aspiration hazard Aspiration hazard	Based on available data the classification criteria are not met.	
General information	No specific health hazards known. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.	
Inhalation	No specific symptoms known. Spray/mists may cause respiratory tract irritation.	
Ingestion	No specific symptoms known. May cause discomfort if swallowed.	
Skin contact	No specific symptoms known. May cause discomfort.	
Eye contact	No specific symptoms known. May be slightly irritating to eyes.	
Route of entry	Ingestion Inhalation Skin and/or eye contact	
Target organs	No specific target organs known.	
	1-Methoxy-2-propanol	
Acute toxicity - oral		
Acute toxicity ora	l (LD ₅₀ 3,739.0	

Acute toxicity oral (LD₅₀ mg/kg)	3,739.0
Species	Rat
Notes (oral LD₅₀)	LD₅₀ 3739 mg/kg, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.
ATE oral (mg/kg)	3,739.0
Acute toxicity - dermal	

Notes (dermal LD₅₀)	LD₅₀ >2000 mg/kg, Dermal, Rat REACH dossier information. Based on available data the classification criteria are not met.		
Skin corrosion/irritation			
Animal data	Dose: 0.5 mL, 4 hours, Rabbit Erythema/eschar score: No erythema (0). Oedema score: No oedema (0). REACH dossier information. Based on available data the classification criteria are not met.		
Skin sensitisation			
Skin sensitisation	Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. REACH dossier information. Based on available data the classification criteria are not met.		
Germ cell mutagenicity			
Genotoxicity - in vitro	Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.		
Genotoxicity - in vivo	Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.		
Carcinogenicity			
Carcinogenicity	NOEL 3000 ppm, Inhalation, Mouse REACH dossier information. Based on available data the classification criteria are not met.		
Reproductive toxicity			
Reproductive toxicity - fertility	Two-generation study - NOAEL 1000 ppm, Inhalation, Rat F1 REACH dossier information. Based on available data the classification criteria are not met.		
Reproductive toxicity - development	Teratogenicity: - NOAEL: 1500 ppm, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.		
Specific target organ toxici	Specific target organ toxicity - single exposure		
STOT - single exposure	STOT SE 3 - H336 May cause drowsiness or dizziness. REACH dossier information.		
Target organs	Central nervous system Brain		
Specific target organ toxici	ty - repeated exposure		
STOT - repeated exposure	NOAEL 919 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.		
	2-Methoxypropanol		
Acute toxicity - oral			
Notes (oral LD∞)	LD_{50} 5710 mg/kg, Oral, Rat Based on available data the classification criteria are not met.		
Acute toxicity - dermal			
Notes (dermal LD₅₀)	LD_{50} 5660 mg/kg, Dermal, Rabbit Based on available data the classification criteria are not met.		
Skin corrosion/irritation			
Skin corrosion/irritation	Irritating to skin.		
Serious eye damage/irritati	ion		
Serious eye damage/irritation	May cause serious eye damage.		

Reproductive toxicity	
Reproductive toxicity - development	Maternal toxicity: - Dose level:: 545 ppm, Inhalation, Rabbit May damage the unborn child.
Specific target organ toxicit	ty - single exposure
STOT - single exposure	STOT SE 3 - H335 May cause respiratory system irritation.
Target organs	Respiratory system, lungs
	Ethanol
Toxicological effects	Not regarded as a health hazard under current legislation.
Acute toxicity - oral	
Notes (oral LD₅₀)	LD₅₀ 10470 mg/kg, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.
Acute toxicity - inhalation	
Notes (inhalation LC ₅₀)	LD₅₀ 124.7 mg/l, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.
Skin corrosion/irritation	
Animal data	Dose: 0.2 mL, 24 hours, Rabbit Primary dermal irritation index: 0 REACH dossier information. Based on available data the classification criteria are not met.
Skin sensitisation	
Skin sensitisation	Local Lymph Node Assay (LLNA) - Mouse: Not sensitising. REACH dossier information. Based on available data the classification criteria are not met.
Germ cell mutagenicity	
Genotoxicity - in vitro	Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.
Genotoxicity - in vivo	Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.
Carcinogenicity	
IARC carcinogenicity	IARC Group 1 Carcinogenic to humans.
Reproductive toxicity	
Reproductive toxicity - fertility	Two-generation study - NOAEL 15% , Oral, Mouse REACH dossier information. Based on available data the classification criteria are not met.
Reproductive toxicity - development	Maternal toxicity: - NOAEL: 16000 ppm, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.
Specific target organ toxicit	ty - repeated exposure
STOT - repeated exposure	LOAEL ~4000 mg/kg, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.
N 12: Ecological Information	

Ecotoxicity	Not regarded as dangerous for the environment. However, large or frequent spills may have
	hazardous effects on the environment.

12.1. Toxicity

Toxicity	Based on available data the classification criteria are not met.		
		1-Methoxy-2-propanol	
	Acute toxicity - fish	LC₅₀, 96 hours: 20800 mg/l, Pimephales promelas (Fat-head Minnow) REACH dossier information.	
	Acute toxicity - aquatic invertebrates	LC₅₀, 48 hours: 21100 mg/l, Daphnia magna REACH dossier information.	
	Acute toxicity - aquatic plants	EC₅₀, 7 days: >1000 mg/l, Selenastrum capricornutum REACH dossier information.	
	2-Methoxypropanol		
	Acute toxicity - fish	LC₅₀, 96 hours: >1006 mg/l, Algae, Estimated value.	
	Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: >13205 mg/l, Daphnia magna, Estimated value.	
		Ethanol	
	Toxicity	Based on available data the classification criteria are not met.	
	Acute toxicity - fish	LC₅₀, 96 hours: 14200 mg/l, Pimephales promelas (Fat-head Minnow)	
	Acute toxicity - aquatic invertebrates	LC₅₀, 48 hours: 5012 mg/l, Ceriodaphnia dubia	
	Acute toxicity - aquatic plants	EC₅₀, 72 hours: 11.5 mg/l, Chlorella vulgaris	
	Chronic toxicity - aquatic invertebrates	NOEC, 9 days: 9.6 mg/l, Daphnia magna	
12.2. Persis	stence and degradability		
Persistence	e and degradability The deg	gradability of the product is not known.	
		1-Methoxy-2-propanol	
	Persistence and degradability	The substance is readily biodegradable.	
	Phototransformation	Water - DT₅₀ : 3.1 hours REACH dossier information.	
	Biodegradation	Water - Degradation 96%: 28 days REACH dossier information.	
		2-Methoxypropanol	
	Biodegradation	No data available.	
	Ethanol		
	Persistence and	The substance is readily biodegradable.	

degradability

	Biodegradation		Water - Degradation 74%: 10 days			
	Chemical oxygen	n demand	1.99 g O₂/g substance			
12.3. Bioaccumulative potential						
Bioaccumul	ative potential	No data	available on bioaccumulation.			
Partition co	efficient	Not avai	lable.			
			1-Methoxy-2-propanol			
	Bioaccumulative	potential	No data available on bioaccumulation.			
	Partition coefficie	ent	log Pow: <1 REACH dossier information.			
			2-Methoxypropanol			
	Bioaccumulative	potential	BCF: ~ 1 - 10, Estimated value. Bioaccumulation is unlikely.			
			Ethanol			
	Bioaccumulative	potential	Bioaccumulation is unlikely.			
	Partition coefficie	ent	log Pow: -0.35			
12.4. Mobili	ty in soil					
Mobility		No data	available.			
			1-Methoxy-2-propanol			
	Mobility		Mobile.			
	Surface tension		70.7 mN/m @ 20°C			
			2-Methoxypropanol			
	Mobility		Soluble in water.			
	Adsorption/desor coefficient	ption	- log Kow: ~ (-0.45) - (-0.49) @ 25°C Calculation method Log Koc: ~ 0.0 - 1.13 @ 25°C Calculation method.			
			Ethanol			
	Mobility		The product is soluble in water.			
	Surface tension		24.5 mN/m @ 20°C/68°F			
12.5. Resul	ts of PBT and vPvE	3 assessm	nent			
1-Methoxy-2-propanol						
	Results of PBT a assessment	nd vPvB	This substance is not classified as PBT or vPvB according to current EU criteria.			
			2-Methoxypropanol			
	Results of PBT a	nd vPvB	This substance is not classified as PBT or vPvB according to current EU criteria.			

assessment

Ethanol

	Ethanol		
Results of PBT assessment	and vPvB This substance is not classified as PBT or vPvB according to current EU criteria.		
12.6. Other adverse effects			
Other adverse effects	None known.		
SECTION 13: Disposal cons	iderations		
13.1. Waste treatment metho	ods		
General information	The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way.		
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.		
SECTION 14: Transport info	rmation		
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).		
14.1. UN number			
Not applicable.			
14.2. UN proper shipping na	me		
Not applicable.			
14.3. Transport hazard class	<u>(es)</u>		
No transport warning sign re	quired.		
14.4. Packing group			
Not applicable.			
14.5. Environmental hazards			
Environmentally hazardous s	substance/marine pollutant		
14.6. Special precautions for	· user		
Not applicable.			
14.7. Transport in bulk accor	rding to Annex II of MARPOL and the IBC Code		
Transport in bulk according t Annex II of MARPOL 73/78 and the IBC Code	o Not applicable.		
SECTION 15: Regulatory inf	ormation		
15.1. Safety, health and envi	ironmental regulations/legislation specific for the substance or mixture		

National regulations	Health and Safety at Work etc. Act 1974 (as amended).
	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009
	No. 716).
	The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment
	Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].
	EH40/2005 Workplace exposure limits.

EU legislationRegulation (EC) No 1907/2006 of the European Parliament and of the Council of 18
December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of
Chemicals (REACH) (as amended).
Commission Regulation (EU) No 453/2010 of 20 May 2010.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16
December 2008 on classification, labelling and packaging of substances and mixtures (as
amended).
Dangerous Preparations Directive 1999/45/EC.
Dangerous Substances Directive 67/548/EEC.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information			
Training advice	Read and follow manufacturer's recommendations.		
Issued by	Toni Ashford		
Revision date	24/05/2016		
Revision	1		
SDS number	587		
Hazard statements in full	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H336 May cause drowsiness or dizziness. EUH208 Contains 1,2-Benzisothiazol-3(2H)-one, Reaction mass of: 5-chloro-2-methyl-4- isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.		

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.