# SAFETY DATA SHEET

# Q-Connect Whiteboard Starter Kit - 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 Whiteboard Starter Kit - Whiteboard Cleaning Fluid

Product number KF32153, 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 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**

## 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Hazard statements 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.

**Precautionary statements** P102 Keep out of reach of children.

**Detergent labelling** < 5% non-ionic surfactants, Contains BENZISOTHIAZOLINONE,

METHYLISOTHIAZOLINONE, METHYLCHLOROISOTHIAZOLINONE AND

**METHYLISOTHIAZOLINONE** 

### 2.3. Other hazards

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

### SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

# Q-Connect Whiteboard Starter Kit - Whiteboard Cleaning Fluid

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 statements is displayed in Section 16.

### **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

General information If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical

personnel.

**Inhalation** No specific recommendations. If throat irritation or coughing persists, proceed as follows.

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if any

discomfort continues.

**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 water. Get medical attention if any discomfort

continues.

**Eye contact** Rinse with water. Get medical attention if any discomfort continues.

**Protection of first aiders**Use protective equipment appropriate for surrounding materials.

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

General information 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.

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

Notes for the doctor Treat symptomatically.

**Specific treatments** No special treatment required.

## **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry

powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing

media

Do not use water jet as an extinguisher, as this will spread the fire.

### 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.

# Q-Connect Whiteboard Starter Kit - Whiteboard Cleaning Fluid

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 up**Reuse 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 storage, 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 Controls/personal protection

### 8.1. Control parameters

## Occupational exposure limits

### 1-Methoxy-2-propanol

Long-term exposure limit (8-hour TWA): WEL 100 ppm  $375 \text{ mg/m}^3$  Short-term exposure limit (15-minute): WEL 150 ppm  $560 \text{ mg/m}^3$ 

Sk

# Q-Connect Whiteboard Starter Kit - Whiteboard Cleaning Fluid

#### Ethanol

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

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

Appearance Liquid.

Colour Colourless.

Odour Characteristic.

Odour threshold Not available.

**pH** pH (concentrated solution): 6.5-9

Melting pointNot available.Initial boiling point and rangeNot available.Flash pointNot available.Evaporation rateNot available.Evaporation factorNot 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.

# Q-Connect Whiteboard Starter Kit - Whiteboard Cleaning Fluid

Solubility(ies) Not available.

Partition coefficient Not available.

Partition coefficient Not available.

Auto-ignition temperature Not available.

Viscosity Not available.

**Explosive properties** Not considered to be explosive.

Oxidising properties Does not meet the criteria for classification as oxidising.

Not available.

9.2. Other information

**Decomposition Temperature** 

# SECTION 10: Stability and reactivity

## 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

10.2. Chemical 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 decomposition 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 information

## 11.1. Information on toxicological effects

**Toxicological effects** Not regarded as a health hazard under current legislation.

Acute toxicity - oral

Notes (oral LD₅o) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) 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.

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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

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity -

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 oral (LD₅o

3,739.0

mg/kg)

Species Rat

Notes (oral LD<sub>50</sub>) LD<sub>50</sub> 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

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Notes (dermal LD<sub>50</sub>) LD<sub>50</sub> >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 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 toxicity - 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<sub>50</sub>) LD<sub>50</sub> 5710 mg/kg, Oral, Rat Based on available data the classification criteria are

not met.

Acute toxicity - dermal

Notes (dermal LD50) LD50 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/irritation

Serious eye

May cause serious eye damage.

damage/irritation

# Q-Connect Whiteboard Starter Kit - Whiteboard Cleaning Fluid

Reproductive toxicity

Reproductive toxicity -

Maternal toxicity: - Dose level:: 545 ppm, Inhalation, Rabbit May damage the

development unborn child.

Specific target organ toxicity - 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 LD<sub>50</sub>) LD<sub>50</sub> 10470 mg/kg, Oral, Rat REACH dossier information. Based on available data

the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) LD<sub>50</sub> 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

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 toxicity - repeated exposure

STOT - repeated exposure LOAEL ~4000 mg/kg, Oral, Rat REACH dossier information. Based on available

data the classification criteria are not met.

**SECTION 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

# Q-Connect Whiteboard Starter Kit - Whiteboard Cleaning Fluid

**Toxicity** Based on available data the classification criteria are not met.

## 1-Methoxy-2-propanol

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 20800 mg/l, Pimephales promelas (Fat-head Minnow)

REACH dossier information.

Acute toxicity - aquatic

invertebrates

LC<sub>50</sub>, 48 hours: 21100 mg/l, Daphnia magna

REACH dossier information.

Acute toxicity - aquatic

plants

EC₅o, 7 days: >1000 mg/l, Selenastrum capricornutum

REACH dossier information.

2-Methoxypropanol

LC<sub>50</sub>, 96 hours: >1006 mg/l, Algae, Estimated value. Acute toxicity - fish

Acute toxicity - aquatic

invertebrates

EC₅o, 48 hours: >13205 mg/l, Daphnia magna, Estimated value.

Ethanol

**Toxicity** Based on available data the classification criteria are not met.

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 14200 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic

invertebrates

LC<sub>50</sub>, 48 hours: 5012 mg/l, Ceriodaphnia dubia

Acute toxicity - aquatic

plants

EC₅o, 72 hours: 11.5 mg/l, Chlorella vulgaris

Chronic toxicity - aquatic

invertebrates

NOEC, 9 days: 9.6 mg/l, Daphnia magna

## 12.2. Persistence and degradability

Persistence and degradability The degradability of the product is not known.

## 1-Methoxy-2-propanol

Persistence and

degradability

The substance is readily biodegradable.

**Phototransformation** Water - DT<sub>50</sub>: 3.1 hours

REACH dossier information.

Biodegradation Water - Degradation 96%: 28 days

REACH dossier information.

2-Methoxypropanol

Biodegradation No data available.

Ethanol

Persistence and degradability

The substance is readily biodegradable.

# Q-Connect Whiteboard Starter Kit - Whiteboard Cleaning Fluid

**Biodegradation** Water - Degradation 74%: 10 days

Chemical oxygen demand 1.99 g O<sub>2</sub>/g substance

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not available.

1-Methoxy-2-propanol

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient 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 coefficient log Pow: -0.35

12.4. Mobility 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/desorption

25°C Calculation method.

coefficient

**Ethanol** 

Mobility The product is soluble in water.

Surface tension 24.5 mN/m @ 20°C/68°F

12.5. Results of PBT and vPvB assessment

1-Methoxy-2-propanol

Results of PBT and vPvB This substance is not classified as PBT or vPvB according to current EU criteria.

- log Kow: ~ (-0.45) - (-0.49) @ 25°C Calculation method. - Log Koc: ~ 0.0 - 1.13 @

assessment

2-Methoxypropanol

Results of PBT and vPvB This substance is not classified as PBT or vPvB according to current EU criteria.

assessment

# Q-Connect Whiteboard Starter Kit - Whiteboard Cleaning Fluid

### Ethanol

**Results of PBT and vPvB** This substance is not classified as PBT or vPvB according to current EU criteria. assessment

## 12.6. Other adverse effects

Other adverse effects None known.

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

**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 information

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 name

Not applicable.

# 14.3. Transport hazard class(es)

No transport warning sign required.

## 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

## 14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

### SECTION 15: Regulatory information

### 15.1. Safety, health and environmental 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.

# Q-Connect Whiteboard Starter Kit - Whiteboard Cleaning Fluid

**EU legislation** Regulation (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.

Revision date Toni Ashford 24/05/2016

Revision 1

SDS number 588

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.