

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

#### 1.1. Product identifier

Product form : Mixture  
 Product name : MCS 1 MOULD CLEAR CONCENTRATE  
 Product code : FG48

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Main use category : Professional use, Consumer use

##### 1.2.2. Uses advised against

No additional information available

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

Wykamol Group Ltd.  
 Unit 3, Boran Court, Network 65 Business Park,  
 Hapton, Burnley BB11 5TH - United Kingdom  
 T +44 (0) 1282 473100  
[info@wykamol.com](mailto:info@wykamol.com) - [www.wykamol.com](http://www.wykamol.com)

#### 1.4. Emergency telephone number

Emergency number : +44 (0) 1282 473100 (0800 - 1700 UK time)

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

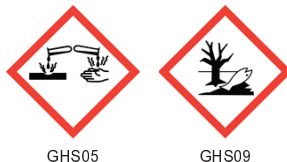
Skin Corr. 1B H314  
 Eye Irrit. 2 H319  
 Aquatic Acute 1 H400

Full text of H-phrases: see section 16

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) : Danger

Hazardous ingredients : quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides

Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage  
 H400 - Very toxic to aquatic life

Precautionary statements (CLP) : P260 - Do not breathe spray, mist, vapours  
 P264 - Wash hands, forearms and face thoroughly after handling  
 P273 - Avoid release to the environment  
 P280 - Wear eye protection, protective clothing, protective gloves  
 P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting  
 P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
 P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

#### 2.3. Other hazards

PBT: not relevant – no registration required

vPvB: not relevant – no registration required

# MCS 1 MOULD CLEAR CONCENTRATE

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	(CAS No) 63449-41-2 (EC no) 264-151-6 (EC index no) 612-140-00-5	< 20	Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400
propan-2-ol, isopropyl alcohol, isopropanol	(CAS No) 67-63-0 (EC no) 200-661-7 (EC index no) 603-117-00-0	< 5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
2-phenylphenol (ISO), biphenyl-2-ol, 2-hydroxybiphenyl	(CAS No) 90-43-7 (EC no) 201-993-5 (EC index no) 604-020-00-6	< 5	Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315 Aquatic Acute 1, H400

Full text of H-phrases: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after skin contact	: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

Symptoms/injuries	: Causes severe skin burns and eye damage.
Symptoms/injuries after eye contact	: Causes serious eye irritation.

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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

No additional information available

#### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Emergency procedures	: Evacuate unnecessary personnel.
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##### 6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: If spilled, may cause the floor to be slippery. Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

# MCS 1 MOULD CLEAR CONCENTRATE

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

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

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Do not breathe the mist, spray, vapours.

Hygiene measures : Wash contaminated clothing before reuse.

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

Technical measures : Comply with applicable regulations.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep away from children. Keep container closed when not in use.

Incompatible products : Keep away from. Oxidizing agent. Strong acids. Strong bases.

### 7.3. Specific end use(s)

See technical instructions for use of this substance/mixture.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Materials for protective clothing : Wear suitable protective clothing and gloves

Hand protection : Wear protective gloves

Eye protection : Chemical goggles or face shield

Skin and body protection : Wear suitable protective clothing

Respiratory protection : Wear appropriate mask

Other information : Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

Physical state : Liquid  
Colour : Colourless. clear.  
Odour : Unpleasant.  
Odour threshold : No data available  
pH : 7,5 - 8,5  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point : No data available  
Freezing point : No data available  
Boiling point : No data available  
Flash point : No data available  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Flammability (solid, gas) : Non flammable  
Vapour pressure : No data available  
Relative vapour density at 20 °C : No data available  
Relative density : 1 - 1,04  
Solubility : No data available  
Log Pow : No data available  
Viscosity, kinematic : No data available  
Viscosity, dynamic : No data available  
Explosive properties : No data available

# MCS 1 MOULD CLEAR CONCENTRATE

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Oxidising properties : No data available  
Explosive limits : No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Corrosive vapours.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal use.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. Thermal decomposition generates : Corrosive vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

#### propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)

LD50 oral rat	5045 mg/kg
LD50 dermal rabbit	12800 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 20 mg/l/4h

#### 2-phenylphenol (ISO), biphenyl-2-ol, 2-hydroxybiphenyl (90-43-7)

LD50 oral rat	2980 mg/kg
LD50 dermal rat	> 2000 mg/kg

Skin corrosion/irritation : Causes severe skin burns and eye damage.  
pH: 7,5 - 8,5

Serious eye damage/irritation : Causes serious eye irritation.  
pH: 7,5 - 8,5

Respiratory or skin sensitisation : Not classified  
Based on available data, the classification criteria are not met

Germ cell mutagenicity : Not classified  
Based on available data, the classification criteria are not met

Carcinogenicity : Not classified  
Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified  
Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) : Not classified  
Based on available data, the classification criteria are not met

Specific target organ toxicity (repeated exposure) : Not classified  
Based on available data, the classification criteria are not met

Aspiration hazard : Not classified  
Based on available data, the classification criteria are not met

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - water : Very toxic to aquatic life.

#### quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides (63449-41-2)

LC50 fish 1	0,85 mg/l <i>Oncorhynchus mykiss</i> (Rainbow trout)
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# MCS 1 MOULD CLEAR CONCENTRATE

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

<b>quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides (63449-41-2)</b>	
EC50 Daphnia 1	0,016 mg/l
<b>propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)</b>	
LC50 fish 1	9640 mg/l Fat-head Minnow
EC50 Daphnia 1	> 10000 mg/l
<b>2-phenylphenol (ISO), biphenyl-2-ol, 2-hydroxybiphenyl (90-43-7)</b>	
LC50 fish 1	4 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 Daphnia 1	2,7 mg/l EC50 48h - Daphnia magna [mg/l]

### 12.2. Persistence and degradability

<b>MCS 1 MOULD CLEAR CONCENTRATE</b>	
Persistence and degradability	Not established.
<b>quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides (63449-41-2)</b>	
BOD (% of ThOD)	> 60 % ThOD OECD 301 D (closed bottle test)
<b>2-phenylphenol (ISO), biphenyl-2-ol, 2-hydroxybiphenyl (90-43-7)</b>	
Biodegradation	75 % Over 28 Days. Closed Bottle Test

### 12.3. Bioaccumulative potential

<b>MCS 1 MOULD CLEAR CONCENTRATE</b>	
Bioaccumulative potential	Not established.
<b>propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)</b>	
Log Pow	0,05
<b>2-phenylphenol (ISO), biphenyl-2-ol, 2-hydroxybiphenyl (90-43-7)</b>	
Log Pow	3,18

### 12.4. Mobility in soil

<b>propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)</b>	
Surface tension	22,7 mN/m At 20 °C

### 12.5. Results of PBT and vPvB assessment

<b>MCS 1 MOULD CLEAR CONCENTRATE</b>	
PBT: not relevant – no registration required	
vPvB: not relevant – no registration required	

### 12.6. Other adverse effects

Additional information : Avoid release to the environment

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

Not regulated for transport

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable  
Proper Shipping Name (IMDG) : Not applicable

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : Not applicable



#### IMDG

Transport hazard class(es) (IMDG) : Not applicable

# MCS 1 MOULD CLEAR CONCENTRATE

## Safety Data Sheet

according to Regulation (EC) No. 453/2010



### 14.4. Packing group

Packing group (ADR) : Not applicable  
Packing group (IMDG) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : Yes  
Marine pollutant : Yes  
Other information : No supplementary information available

### 14.6. Special precautions for user

#### - Overland transport

No data available

#### - Transport by sea

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions  
Contains no substance on the REACH candidate list  
Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

Use only in accordance with Statutory Precautions given under the Control of Pesticides Regulations 1986. HSE No. 7667. SURFACE BIOCIDES FOR AMATEUR AND PROFESSIONAL USE AGAINST ALGAE, MOULD, MOSS AND LICHEN ON INTERNAL AND EXTERNAL HARD SURFACES.

## SECTION 16: Other information

Data sources : 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H225	Highly flammable liquid and vapour
H302	Harmful if swallowed
H312	Harmful in contact with skin

# MCS 1 MOULD CLEAR CONCENTRATE

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H400	Very toxic to aquatic life

### SDS EU (REACH Annex II)

*The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information provided is designed only as guidance for safe use, processing, handling, storage, transport, release and disposal. It is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for use in combination with any other materials or in any process, unless specified in this safety data sheet.*