

Page 1/11

Safety data sheet according to 1907/2006/EC, as amended by 2020/878

Printing date 14.01.2025 Version number: 1.02 (replaces version 1.01) Revision: 14.01.2025

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

- · 1.1 Product identifier For consumer and professional use.
- · Trade name: MGC MKS2 Biocheck All Weather Masonry Paint All Colours
- · **UFI:** GVV4-70NM-4001-K7D2
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against Surface Coating
- · Application of the substance / the mixture Surface Coating
- · 1.3 Details of the supplier of the safety data sheet
- · Supplier:

Mould Growth Consultants Ltd. Unit A3 Longmead Business Centre Blenheim Road

Epsom Surrey

KT19 9QQ

Tel: 01372 743334 Email: info@mgcltd.co.uk

- · Further information obtainable from: www.mgcltd.co.uk
- · 1.4 Emergency telephone number: +44 (0) 1372 743334 (business hours)

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3 H226 Flammable liquid and vapour.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

· Hazard pictograms





GHS02

GHS07

· Signal word Warning

(Contd. on page 2)

Version number: 1.02 (replaces version 1.01) Printing date 14.01.2025 Revision: 14.01.2025

Trade name: MGC MKS2 Biocheck All Weather Masonry Paint All Colours

(Contd. of page 1)

· Hazard-determining components of labelling:

2-octyl-2H-isothiazol-3-one

· Hazard statements

H226 Flammable liquid and vapour.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

· Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P241 *Use explosion-proof [electrical/ventilating/lighting] equipment.*

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water

[or shower].

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

- · **Description:** Mixture of substances listed below with nonhazardous additions.

· Dangerous components	s:	
EC number: 919-857-5	Hydrocarbons, C9 - C11, n-alkanes, isoalkanes, cyclics, <2% aromatics ♠ Flam. Liq. 3, H226; ♠ Asp. Tox. 1, H304; ♠ STOT SE 3, H336, EUH066	10-25%
EC number: 918-668-5	Solvent naphtha (petroleum), light aromatic Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H335-H336	2.5-10%
CAS: 108-65-6 EINECS: 203-603-9	2-methoxy-1-methylethyl acetate ♦ Flam. Liq. 3, H226; ♦ STOT SE 3, H336	2.5-10%
CAS: 330-54-1 EINECS: 206-354-4	3-(3,4-dichlorophenyl)-1,1-dimethylurea ♦ Carc. 2, H351; STOT RE 2, H373; ♦ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10); ♦ Acute Tox. 4, H302	≤2.5%
CAS: 26530-20-1 EINECS: 247-761-7	2-octyl-2H-isothiazol-3-one Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317, EUH071 ATE: LD50 oral: 125 mg/kg LD50 dermal: 311 mg/kg Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.0015 %	≤2.5%

· Additional information: For the wording of the listed hazard phrases refer to section 16.

Printing date 14.01.2025 Version number: 1.02 (replaces version 1.01) Revision: 14.01.2025

Trade name: MGC MKS2 Biocheck All Weather Masonry Paint All Colours

(Contd. of page 2)

SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · General information: Immediately remove any clothing soiled by the product.
- · After inhalation:

Supply fresh air and call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air; consult doctor in case of complaints.

· After skin contact:

Immediately wash with water and soap and rinse thoroughly. Remove contaminated clothing. Immediately rinse with water.

- · After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: Do not induce vomiting; call for medical help immediately and show safety datasheet or label.
- · 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed Treat symptomatically.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- · 5.3 Advice for firefighters
- · Protective equipment: Put on breathing apparatus

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

· 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Prevent seepage into sewage system, workpits and cellars.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/surface or ground water.

· 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure good ventilation/extraction at the workplace.

Prevent formation of aerosols.

Hygiene measures:

Wash hands before breaks and at the end of workday.

(Contd. on page 4)

Printing date 14.01.2025 Version number: 1.02 (replaces version 1.01) Revision: 14.01.2025

Trade name: MGC MKS2 Biocheck All Weather Masonry Paint All Colours

(Contd. of page 3)

· Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage.
- Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions:

Keep receptacle tightly sealed and in a well-ventilated place.

Keep away from heat.

· 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

on control parameters		
· Ingredients with limit values that require monitoring at the workplace:		
108-65-6 2-methoxy-1-methylethyl acetate		
OEL Short-term value: 550 mg/m³, 100 ppm		
Long-term value: 275 mg/m³, 50 ppm		
Skin, IOELV		
· DNELs		
Hydrocarbons, C9 - C11, n-alkanes, isoalkanes, cyclics,		
<2% aromatics		
O1 DNEI 125		

Oral	DMEI	125 ma/day (Can)
Orai	DNEL	123 mg/aay (Con)
Dermal	DNEL	125 mg/day (Con) 125 mg/day (Con)
		208 mg/day (Ind)
Inhalative	DNEL	208 mg/day (Ind) 185 mg/m³ (Con)
		871 mg/m³ (Ind)

Solvent naphtha (petroleum), light aromatic

Oral	DNEL	11 mg/aay (Con)
Dermal		11 mg/day (Con)
		25 mg/day (Ind)
Inhalative	DNEL	32 mg/m³ (Con)
		150 mg/m³ (Ind)

108-65-6 2-methoxy-1-methylethyl acetate

Oral	DNEL	1.67 mg/day (Con)
Dermal	DNEL	1.67 mg/day (Con) 54.8 mg/day (Con) 153.5 mg/day (Ind)
		153.5 mg/day (Ind)
Inhalative	DNEL	33 mg/m³ (Con)
		275 mg/m³ (Ind)

- Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as personal protective equipment
- · General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing

(Contd. on page 5)

Version number: 1.02 (replaces version 1.01) Printing date 14.01.2025 Revision: 14.01.2025

Trade name: MGC MKS2 Biocheck All Weather Masonry Paint All Colours

(Contd. of page 4)

Wash hands before breaks and at the end of work.

- Respiratory protection: When spraying the product, use a respiratory protective device.
- · Hand protection



Protective gloves

· Eve/face protection



Tightly sealed goggles

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Physical state Liquid

· Colour: Silver-coloured · Odour: Characteristic Not determined. · Odour threshold: · Melting point/freezing point: Undetermined.

· Boiling point or initial boiling point and boiling range 100 °C Flammable. · Flammability

· Lower and upper explosion limit

0.6 Vol % · Lower: · Upper: 6.5 Vol % 40 °C · Flash point: >230 °C · Auto-ignition temperature: · Decomposition temperature:

Not determined. $\cdot pH$ Not determined.

· Viscosity:

· Kinematic viscosity Not determined. · Dynamic at 20 °C: 120 mPas

·Solubility

NOT MISCIBLE · water: · Partition coefficient n-octanol/water (log value) Not determined.

· Vapour pressure at 20 °C:

Density and/or relative density

· Density at 20 °C: 1.514 g/cm³ · Relative density Not determined. · Vapour density Not determined.

· 9.2 Other information

· Appearance:

· Form: Liquid

· Important information on protection of health and environment, and on safety.

· Ignition temperature: Product is not selfigniting.

Product is not explosive. However, formation of · Explosive properties:

2 hPa

explosive air/vapour mixtures are possible.

(Contd. on page 6)

Printing date 14.01.2025 Version number: 1.02 (replaces version 1.01) Revision: 14.01.2025

Trade name: MGC MKS2 Biocheck All Weather Masonry Paint All Colours

		(Contd. of page
Solvent content:		
Organic solvents:	30.1 %	
Water:	4.9 %	
Solids content:	68.6 %	
Change in condition		
Evaporation rate	Not determined.	
Information with regard to physical hazard c	elasses	
Explosives	Void	
Flammable gases	Void	
Aerosols	Void	
Oxidising gases	Void	
Gases under pressure	Void	
Flammable liquids	Flammable liquid and vapour.	
Flammable solids	Void	
Self-reactive substances and mixtures	Void	
Pyrophoric liquids	Void	
Pyrophoric solids	Void	
Self-heating substances and mixtures	Void	
Substances and mixtures, which emit flamme	able gases	
in contact with water	Void	
Oxidising liquids	Void	
Oxidising solids	Void	
Organic peroxides	Void	
Corrosive to metals	Void	
Desensitised explosives	Void	

SECTION 10: Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · 10.3 Possibility of hazardous reactions No dangerous reactions known.
- · 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products:

No dangerous decomposition products when stored and handled correctly

SECTION 11: Toxicological information

- · 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- · Acute toxicity Based on available data, the classification criteria are not met.

		levant for classification: - C11, n-alkanes, isoalkanes, cyclics,
<2% aro		
Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>5,000 mg/kg (Rat)
Solvent n	aphtha (p	etroleum), light aromatic
Oral	LD50	3,492 mg/kg (rat)
Dermal	LD50	3,160 mg/kg (Rab)
	•	(Contd. on mage 7)

(Contd. on page 7)

Printing date 14.01.2025 Version number: 1.02 (replaces version 1.01) Revision: 14.01.2025

Trade name: MGC MKS2 Biocheck All Weather Masonry Paint All Colours

		(Contd. of page 6)
Inhalative	LC50/4 h	>6.193 mg/l (rat)
108-65-6 2	-methoxy-	1-methylethyl acetate
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	5,000 mg/kg (Rat)
Inhalative	LC50/4 h	>10.8 mg/l (Rat)
26530-20-	1 2-octyl-2	H-isothiazol-3-one
Oral	LD50	125 mg/kg (ATE)
Dermal	LD50	311 mg/kg (ATE)

- Primary irritant effect:
- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- · Serious eye damage/irritation Based on available data, the classification criteria are not met.
- · Respiratory or skin sensitisation May cause an allergic skin reaction.
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- · Reproductive toxicity Based on available data, the classification criteria are not met.
- · STOT-single exposure Based on available data, the classification criteria are not met.
- · STOT-repeated exposure Based on available data, the classification criteria are not met.
- · Aspiration hazard Based on available data, the classification criteria are not met.
- · 11.2 Information on other hazards

· Endocrine disrupting properties	
330-54-1 3-(3,4-dichlorophenyl)-1,1-dimethylurea	List II

SECTION 12: Ecological information

- · 12.1 Toxicity
- · Aquatic toxicity:

Acute Fish toxicity

Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)

LC50 9.22 mg/l

Species: Oncorhynchus mykiss (rainbow trout)

Exposure duration: 96 h

Acute toxicity for daphnia

Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)

EC50 6.14 mg/l

Species: Daphnia magna (Water flea)

Exposure duration: 48 h

Acute toxicity for algae

Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)

ErC50 2.9 mg/l

Species: Pseudokirchneriella subcapitata (green algae)

Exposure duration: 72 h

Acute bacterial toxicity

Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)

EC50 1 - 10 mg/l

Ecotoxicology Assessment

Solvent naphtha (petroleum), light arom. (content of benzene less than 0.1 %)

Chronic aquatic toxicity: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic

(Contd. on page 8)

Printing date 14.01.2025 Version number: 1.02 (replaces version 1.01) Revision: 14.01.2025

Trade name: MGC MKS2 Biocheck All Weather Masonry Paint All Colours

(Contd. of page 7)

environment. Data based on the safety data sheet (SDS) by the supplier.

- · 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.
- 12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.
- · 12.7 Other adverse effects
- · Remark: Harmful to fish
- · Additional ecological information:
- · General notes:

Water danger class 3 (German Regulation) (Self-assessment): extremely hazardous for water Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

Harmful to aquatic organisms

SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- · Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packaging:
- · Recommendation: Disposal must be made according to official regulations.

8	B.Carri	ON12	l. Trans	nort int	<i>formation</i>
9		UN 17	· II ullo	ρυπ πη	<i>OHIII</i>

· 14.1 UN number or ID number · ADR, IMDG, IATA	UN1263
· 14.2 UN proper shipping name · ADR · IMDG · IATA	1263 PAINT RELATED MATERIAL PAINT RELATED MATERIAL, MARINE POLLUTANT PAINT RELATED MATERIAL

- · 14.3 Transport hazard class(es)
- · ADR, IATA



· Class 3 Flammable liquids. · Label 3

· IMDG



Class 3 Flammable liquids.

(Contd. on page 9)

Printing date 14.01.2025 Version number: 1.02 (replaces version 1.01) Revision: 14.01.2025

Trade name: MGC MKS2 Biocheck All Weather Masonry Paint All Colours

	(Contd. of page
Label	3
14.4 Packing group	
ADR, IMDG, IATA	III
14.5 Environmental hazards:	Product contains environmentally hazardous substance
	Solvent naphtha (petroleum), light aromatic
Marine pollutant:	Symbol (fish and tree)
14.6 Special precautions for user	Warning: Flammable liquids.
Hazard identification number (Kemler code):	30
EMS Number:	F-E,S-D
Stowage Category	A
14.7 Maritime transport in bulk according to IM	10
instruments	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
Transport category	3
Tunnel restriction code	D/E
<i>IMDG</i>	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	UN 1263 PAINT RELATED MATERIAL, 3, III

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P5c FLAMMABLE LIQUIDS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t
- · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

Regulation (EU) No 649/2012	
330-54-1 3-(3,4-dichlorophenyl)-1,1-dimethylurea	Annex I Part 1 Annex I Part 2

· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

- · REGULATION (EU) 2019/1148
- · Annex I RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

(Contd. on page 10)

Printing date 14.01.2025 Version number: 1.02 (replaces version 1.01) Revision: 14.01.2025

Trade name: MGC MKS2 Biocheck All Weather Masonry Paint All Colours

(Contd. of page 9)

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

- · National regulations:
- · Technical instructions (air):

Class	Share in %
Wasser	4.9
NK	30.1

- · Waterhazard class: Water danger class 3 (Self-assessment): extremely hazardous for water.
- · 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Full text of H-Statements referred to under sections 2 and 3:

- H226 Flammable liquid and vapour.
- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H330 Fatal if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- *H410 Very toxic to aquatic life with long lasting effects.*
- *H411 Toxic to aquatic life with long lasting effects.*

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH071 Corrosive to the respiratory tract.

- · Date of previous version: 06.10.2024
- · Version number of previous version: 1.01
- · Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

(Contd. on page 11)

Printing date 14.01.2025 Version number: 1.02 (replaces version 1.01) Revision: 14.01.2025

Trade name: MGC MKS2 Biocheck All Weather Masonry Paint All Colours

(Contd. of page 10) PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative ATE: Acute toxicity estimate values Flam. Liq. 3: Flammable liquids – Category 3 Acute Tox. 3: Acute toxicity – Category 3 Acute Tox. 4: Acute toxicity - Category 4 Acute Tox. 2: Acute toxicity – Category 2 Skin Corr. 1: Skin corrosion/irritation – Category 1 Eye Dam. 1: Serious eye damage/eye irritation – Category 1 Skin Sens. 1: Skin sensitisation - Category 1 Skin Sens. 1A: Skin sensitisation - Category 1A Carc. 2: Carcinogenicity – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hazard – Category 1 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category I Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard - Category 2 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3 * Data compared to the previous version altered.

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