



SAFETY DATA SHEET

MGT 7 K

Issued on 27/04/2022 - Rel. # 1 on 27/04/2022

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In conformity to Regulation (EU) 2020/878

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

1.1. Product identifier

Product code : MGT 7 K
Trades code : MGT 7 K
UFI: UCD0-U01W-S00K-WRTY

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

Water-repellent protective treatment
Sectors of use:
Industrial Manufacturing[SU3], Public domain[SU22], Building and construction work[SU19]
Product category:
WATER REPELLENT
Process categories:
Industrial spraying[PROC7], Roller application or brushing[PROC10], Non industrial spraying[PROC11]
Uses advised against
Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

MASSIMO PIRACCINI SRL
VIA S. CROCE, 477
47032 BERTINORO FC

TEL. + 39 0543 745268 FAX +39 0543 745644
www.mptreatment.com - info@mptreatment.com
P.IVA 03525430405

Produced by
MASSIMO PIRACCINI SRL
Unipersonale
VIA S. CROCE, 477
47032 BERTINORO FC

1.4. Emergency telephone number

Centro Antiveleni di Milano 02 66101029 (CAV Osp. Niguarda Ca' Granda - Milano)
Centro Antiveleni di Pavia 0382 24444 (CAV IRCCS Fondazione Maugeri - Pavia)
Centro Antiveleni di Bergamo 800 883300 (CAV Ospedali Riuniti - Bergamo)
Centro Antiveleni di Firenze 055 7947819 (CAV Ospedale Careggi - Firenze)
Centro Antiveleni di Roma 06 3054343 (CAV Policlinico Gemelli - Roma)
Centro Antiveleni di Roma 06 49978000 (CAV Policlinico Umberto I - Roma)
Centro Antiveleni di Napoli 081 7472870 (CAV Ospedale Cardarelli - Napoli)

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:

GHS07

Hazard Class and Category Code(s):

Skin Sens. 1A, Aquatic Chronic 3

Hazard statement Code(s):

H317 - May cause an allergic skin reaction.

H412 - Harmful to aquatic life with long lasting effects.



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The product, if brought into contact with skin can cause skin sensitization.

The product is dangerous to the environment as it is harmful to aquatic life with long lasting effects

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):

GHS07 - Warning

Hazard statement Code(s):

H317 - May cause an allergic skin reaction.

H412 - Harmful to aquatic life with long lasting effects.

Supplemental Hazard statement Code(s):

EUH071 - Corrosive to the respiratory tract.

Precautionary statements:

Prevention

P273 - Avoid release to the environment.

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

Response

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

Contains:

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);

Content of VOC ready to use condition: 0,00 %

UFI: UCD0-U01W-S00K-WRTY

2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII
The substance / mixture does NOT contain PBT / vPvB substances according to Regulation (EC) 1907/2006, annex XIII
Based on the available data, the product does not contain PBT or vPvB substances in percentage = a 0.1%. The product contains substances having properties of interference with the endocrine system in concentration = 0.1%.
OCTAMETHYL CYCLOTETRASILOXANE

SECTION 3. Composition/information on ingredients

3.1 Substances

Irrilevant

3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

Note B - Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

Substance	Concentration[w/w]	Classification	Index	CAS	EINECS	REACH
SILOXANES AND SILICONES	>= 5 < 10%	Eye Irrit. 2, H319	ND	68554-54-1	ND	ND
OCTAMETHYLCYCLOTETRASIL OXANE	< 0,1%	Repr. 2, H361f; Aquatic Chronic 1, H410 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 10	014-018-00-1	556-67-2	209-136-7	ND
reaction mass of:	>= 0,0015 <	EUH071; Acute Tox.	613-167-00-5	55965-84-9	ND	ND



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Substance	Concentration[w/w]	Classification	Index	CAS	EINECS	REACH
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); Note: B	0,1%	3, H301; Acute Tox. 2, H310; Skin Corr. 1C, H314; Skin Sens. 1, H317; Eye Dam. 1, H318; Acute Tox. 2, H330; Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Limits: Skin Corr. 1C, H314 %C >=0,6; Skin Irrit. 2, H315 0,06<=%C <0,6; Eye Dam. 1, H318 %C >=0,6; Eye Irrit. 2, H319 0,06<=%C <0,6; Skin Sens. 1A, H317 %C >=0,0015; Acute toxicity M-factor = 100 Chronic toxicity M-factor = 100				

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Remove any contact lenses. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids well. Consult a physician if the problem persists. SKIN: Take off contaminated clothing. Wash immediately and abundantly with water. If irritation persists, consult a physician. Wash the contaminated garments before reusing them. INHALATION: Take the subject to fresh air. If breathing is difficult, call a doctor right away. INGESTION: Get medical attention immediately. Induce vomiting only on medical advice. Do not administer anything by mouth if the subject is unconscious and if not authorized by the doctor.

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

No data available.

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

If skin irritation or rash occurs: Get medical advice/attention.

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING MEDIA The extinguishing media are the traditional ones: carbon dioxide, foam, powder and nebulized water. UNSUITABLE EXTINGUISHING MEDIA None in particular.

5.2. Special hazards arising from the substance or mixture

No data available.



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5.3. Advice for firefighters

Use respiratory protection. Full safety helmet and protective clothing. The sprayed water can be used to protect the people involved in extinguishing. It is also recommended to use self-contained breathing apparatus, especially if you work in closed and poorly ventilated places and in any case if you use halogenated extinguishers (fluobrene, solkane 123, naf etc.). Cool the containers with jets of water

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:

Wear mask, gloves and protective clothing.

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spill with earth or sand.

If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities.

Discharge the remains in compliance with the regulations

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:

Rapidly recover the product, wear a mask and protective clothing

Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.

Prevent it from entering the sewer system.

6.3.2 For cleaning up:

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

Nothing in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Handle the product after consulting all the other sections of this safety data sheet. Avoid the dispersion of the product in the environment. Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before entering eating areas

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.

Keep containers upright and safe by avoiding the possibility of falls or collisions.

Store in a cool place, away from sources of heat and direct exposure of sunlight.

Conditions for safe storage, including any incompatibilities

Always keep the containers tightly closed.

Store in well ventilated areas.

Avoid direct exposure to the sun.

Keep away from food, drink and feed.



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Incompatible materials:

None in particular. See also paragraph 10 below.

Indication for the premises:

Fresh and adequately ventilated.

7.3. Specific end use(s)

Building and construction work:

Handle with extreme caution.

Store in a well ventilated place away from heat sources.

Industrial Manufacturing:

Handle with extreme caution.

Store in a well ventilated place away from heat sources.

Public domain:

Handle with care. Store in a ventilated area and away from heat, keep the container tightly closed.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

No data available.

8.2. Exposure controls



Appropriate engineering controls:

Considering that the use of adequate technical measures should always take priority over personal protective equipment, ensure good ventilation in the workplace through effective local exhaust. For the choice of personal protective equipment, if necessary, seek advice from your chemical suppliers. Individual protection devices must bear the CE marking which certifies their compliance with current regulations. Provide an emergency shower with face and eye basin.

Building and construction work:

No specific monitoring foreseen

Industrial Manufacturing:

No specific monitoring foreseen

Public domain:

No specific monitoring foreseen

Individual protection measures:

(a) Eye / face protection

When handling the pure product use safety glasses (spectacles cage) (EN 166).

(b) Skin protection

(i) Hand protection

HAND PROTECTION

Protect hands with category III work gloves (ref. Standard EN 374).

For the final choice of the material of the work gloves, the following must be considered: compatibility, degradation, breakage time and permeation.

In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as it is not foreseeable. Gloves have a wear time that depends on the duration and method of use.

SKIN PROTECTION

Wear category II work clothes with long sleeves and safety footwear for professional use (ref. Regulation 2016/425 and standard EN ISO 20344). Wash with soap and water after removing protective clothing.

EYE PROTECTION

It is recommended to wear airtight protective goggles (ref. Standard EN 166).

RESPIRATORY PROTECTION

In case of exceeding the threshold value (e.g. TLV-TWA) of the substance or of one or more of the substances present in the product, it is advisable to wear a mask with a type A filter whose class (1, 2 or 3) must be chosen in relation to the limit concentration of use. (ref. standard EN 14387). If there are gases or vapors of a different nature and / or gases or vapors with particles (aerosols, fumes, mists, etc.), combined filters must be provided.



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The use of respiratory protection means is necessary in case the technical measures adopted are not sufficient to limit the exposure of the worker to the threshold values taken into consideration. The protection offered by the masks is however limited.

In the event that the substance in question is odorless or its olfactory threshold is higher than the relative TLV-TWA and in the event of an emergency, wear an open-circuit compressed air breathing apparatus (ref. Standard EN 137) or a self-contained breathing apparatus. external air (ref. Standard EN 138). For the correct choice of the respiratory protection device, refer to the EN 529 standard.

(ii) Other

When handling the pure product wear full protective skin clothing.

(c) Respiratory protection

Not needed for normal use.

(d) Thermal hazards

No hazard to report

Environmental exposure controls:

Emissions from manufacturing processes, including those from ventilation equipment should be controlled for compliance with environmental protection legislation.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Appearance	LIQUID	
Colour	WHITE	
Odour	CHARACTERISTIC	
Odour threshold	not determined	
pH	6	
Melting point/freezing point	0° C	
Initial boiling point and boiling range	100° c	
Flash point	nonflammable	ASTM D92
Evaporation rate	not determined	
Flammability (solid, gas)	irrelevant	
Upper/lower flammability or explosive limits	irrelevant	
Vapour pressure	100 hPa	
Vapour density	not determined	
Relative density	1,00	
Solubility(ies)	in water	
Water solubility	in water	
Partition coefficient: n-octanol/water	not determined	
Auto-ignition temperature	not determined	
Decomposition temperature	not determined	
Viscosity	not determined	
Explosive properties	not determined	
Oxidising properties	not determined	

9.2. Other information

Content of VOC ready to use condition: 0,00 %



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SECTION 10. Stability and reactivity

10.1. Reactivity

No reactivity hazards

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

There are no hazardous reactions

10.4. Conditions to avoid

Nothing to report

10.5. Incompatible materials

It can generate inflammable gases to contact with elementary metals, nitrides, inorganic sulfide, strong reducing agents.

It can generate toxic gases to contact with inorganic sulfide, strong reducing agents.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11. Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

ATE(mix) oral = ∞

ATE(mix) dermal = ∞

ATE(mix) inhal = ∞

(a) acute toxicity: based on available data, the classification criteria are not met

(b) skin corrosion/irritation: based on available data, the classification criteria are not met

(c) serious eye damage/irritation: based on available data, the classification criteria are not met

(d) respiratory or skin sensitization: The product, if brought into contact with skin can cause skin sensitization.

(e) germ cell mutagenicity: based on available data, the classification criteria are not met

(f) carcinogenicity: based on available data, the classification criteria are not met

(g) reproductive toxicity: based on available data, the classification criteria are not met

(h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met

(i) specific target organ toxicity (STOT) repeated exposure based on available data, the classification criteria are not met

(j) aspiration hazard: based on available data, the classification criteria are not met

CICLOTETRAILOSSANO, OCTAMETIL

**** Not translated ****



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11.2. Information on other hazards

No data available.

SECTION 12. Ecological information

12.1. Toxicity

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);:

OCTAMETHYLCYCLOTETRASILOXANE:

Related to contained substances:

Chronic toxicity M-factor = 10

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);:

Acute toxicity M-factor = 100

Chronic toxicity M-factor = 100

The product is dangerous for the environment as it is toxic for aquatic organisms following acute exposure.

Use according to good working practices to avoid pollution into the environment.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No PBT/vPvB ingredient is present

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No adverse effects

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse if possible. Product residues are to be considered special hazardous waste. The dangerousness of the waste



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that partially contains this product must be assessed on the basis of the laws in force. Disposal must be entrusted to an authorized waste management company, in compliance with national and possibly local regulations. CONTAMINATED PACKAGING Contaminated packaging must be sent for recovery or disposal in compliance with national waste management regulations.

SECTION 14. Transport information

14.1. UN number or ID number

Not included in the scope of application regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

14.2. UN proper shipping name

None

14.3. Transport hazard class(es)

None

14.4. Packing group

None

14.5. Environmental hazards

None

14.6. Special precautions for user

No data available.

14.7. Maritime transport in bulk according to IMO instruments

It is not intended to carry bulk

SECTION 15. Regulatory information

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

Legislative Decree 3/2/1997 n. 52 (Classification, packaging and labeling of dangerous substances). D.Lgs 14/3/2003 n. 65 (Classification, packaging and labeling of dangerous preparations). Legislative Decree 2/2/2002 n. 25 (Risks deriving from chemical agents during work). D. M. Work 26/02/2004 (Occupational exposure limits); D. M. 03/04/2007 (Implementation of Directive 2006/8 / EC). Regulation (EC) n. 1907/2006 (REACH), Regulation (EC) n. 1272/2008 (CLP), Regulation (EC) n.790 / 2009.D.Lgs. September 21st 2005 n. 238 (Seveso Ter Directive).

Legislative and regulatory provisions on health, safety and environment specific to the substance or mixture

Legislative Decree 9/4/2008 n. 81

D. M. Work 26/02/2004 (Occupational exposure limits)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)



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Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) 2015/830
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Restrictions relating to the product or the substances contained according to Annex XVII of the Regulation (CE) 1907/2006 (REACH) and subsequent adjustments:
None
Where applicable, refer to the following regulations:
Ministerial circulars 46 and 61 (aromatic amines).
D.Lgs. 21 September 2005 n. 238 (Seveso Ter Directive)
Regulation 648/2004 / CE (Detergents).
D.L. 3/4/2006 n. 152 Environmental regulations
Provisions relating to the directives 82/501 / EC (Seveso), 96/82 / EC (Seveso II): N.A.

15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

SECTION 16. Other information

16.1. Other information

Description of the hazard statements exposed to point 3

- H319 = Causes serious eye irritation.
- H361f = Suspected of damaging fertility.
- H410 = Very toxic to aquatic life with long lasting effects.
- H301 = Toxic if swallowed.
- H310 = Fatal 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.
- H400 = Very toxic to aquatic life.

Classification based on data of all mixture components

GENERAL BIBLIOGRAPHY:

- Council Regulation (EC) 1907/2006 of the European Parliament (REACH)
- Regulation (EC) 1272/2008 of the European Parliament (CLP) and subsequent updates
- Council Regulation (EC) no 758/2013 of the European Parliament
- Regulation (EC) no 2020/878 of the European Parliament
- Regulation (EC) No 528/2012 European Parliament and subsequent updates
- Council Regulation (EC) 648/2004 of the European Parliament and subsequent updates
- The Merck Index
- Handling Chemical Safety
- Niosh Registry of Toxic Effects of Chemical Substances
- INRS - Fiche Toxicologique
- Patty-Industrial Hygiene and Toxicology
- N.I. Sax-Dangerous properties of Industrial Materials-7 Ed., 1989

Note to the user:

the information in this tab are based on knowledge available to us on the date of the latest version.

The user must ensure the fitness and completeness of the information in relation to the specific use of the product.

You should not interpret it as a guarantee of any specific property of the product.

For the use of the product does not fall under our direct control, the obligation of the user to observe under their own liability laws and regulations on hygiene and safety. Do not assume liability for improper use.

This tab replaces and cancels all previous