

Safety Data Sheet
according to P.U.(A) 310/2013

Printing date 17.05.2024

Version number 6

Revision: 15.02.2023

1 Identification of the hazardous chemical and of the supplier

- **Product identifier**
- **Trade name:** CarpetPro Cleaner iCapsol, Tablet RM 760
- **Recommended use of the chemical and restrictions on use** Restricted to professional users.
- **Application of the substance / the mixture** Spray extraction cleaner
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

Alfred Kärcher SE & Co. KG
Alfred-Kärcher-Str. 28-40
D - 71364 Winnenden
Tel.: +49-7195-14-0

Karcher Cleaning Systems Sdn. Bhd.
No. 5 Jalan Perintis U1/52
Kawasan Perindustrian Temasya Glenmarie
40150 Shah Alam
Selangor Darul Ehsan
Malaysia
Phone: +60-3-55670510

Internet: www.karcher.com
- **Further information obtainable from:**

Regulatory Affairs
Tel.: +49-7195-14-0
productsafety.management.de@karcher.com
- **Emergency telephone number:**

For Hazardous Materials [or Dangerous Goods] Incidents
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

2 Hazard identification

- **Classification of the substance or mixture**
Eye Irrit. 2 H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation.
- **Label elements**
- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

(Contd. on page 2)

Safety Data Sheet

according to P.U.(A) 310/2013

Printing date 17.05.2024

Version number 6

Revision: 15.02.2023

Trade name: CarpetPro Cleaner iCapsol, Tablet RM 760

(Contd. of page 1)

Hazard pictograms


GHS07

Signal word Warning

Hazard-determining components of labelling:

citric acid

Hazard statements

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary statements

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

P280 Wear eye protection / face protection.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position 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.

P405 Store locked up.

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

3 Composition and information of the ingredients of the hazardous chemical

Chemical characterisation: Mixtures
Description: Mixture of substances listed below with non-hazardous additions.

Dangerous components:

497-19-8	sodium carbonate	⚠ Eye Irrit. 2, H319	30-50%
77-92-9	citric acid	⚠ Eye Irrit. 2, H319; STOT SE 3, H335	30-50%
6153-56-6	oxalic acid dihydrate	⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312	≥1-<3%
68439-46-3	C9-11 alcohol ethoxylate	⚠ Eye Irrit. 2, H319	1-5%
9004-34-6	Cellulose		1-5%

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

4 First-aid measures

Description of first aid measures
After inhalation Supply fresh air; consult doctor in case of complaints.

After skin contact Generally the product does not irritate the skin.

After eye contact Rinse opened eye for several minutes under running water.

After swallowing

Rinse out mouth and then drink plenty of water.

If symptoms persist consult doctor.

(Contd. on page 3)

Safety Data Sheet according to P.U.(A) 310/2013

Printing date 17.05.2024

Version number 6

Revision: 15.02.2023

Trade name: CarpetPro Cleaner iCapsol, Tablet RM 760

(Contd. of page 2)

- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:**
Do not allow to enter sewers/ surface or ground water.
Do not allow to penetrate the ground/soil.
- **Methods and material for containment and cleaning up:** Pick up mechanically.
- **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.

7 Handling and storage

- **Handling**
- **Precautions for safe handling**
Prevent formation of dust.
Avoid contact with eyes and skin.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Protect from humidity. Store dry and locked up.
- **Information about storage in one common storage facility:** Keep away from food, beverages and feed.
- **Further information about storage conditions:** Keep receptacle tightly sealed.

(Contd. on page 4)

Safety Data Sheet according to P.U.(A) 310/2013

Printing date 17.05.2024

Version number 6

Revision: 15.02.2023

Trade name: CarpetPro Cleaner iCapsol, Tablet RM 760

(Contd. of page 3)

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

8 Exposure controls and personal protection

· **Additional information about design of technical facilities:** No further data; see section 7.

· Control parameters

· **Ingredients with limit values that require monitoring at the workplace:**

6153-56-6 oxalic acid dihydrate

PEL (USA)	Long-term value: 1 mg/m ³
REL (USA)	Short-term value: 2 mg/m ³
	Long-term value: 1 mg/m ³

9004-34-6 Cellulose

PEL (USA)	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV (USA)	Long-term value: 10 mg/m ³

· DNELs

497-19-8 sodium carbonate

Inhalative	DNEL	10 mg/m ³ (employee)
------------	------	---------------------------------

· Exposure controls

· Personal protective equipment

· General protective and hygienic measures

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

· **Respiratory protection:** Not necessary if room is well-ventilated.

· **Protection of hands:** Not required.

· **Material of gloves** Not required.

· **Penetration time of glove material** Not required.

· **Eye protection:**


Tightly sealed goggles (EN 166)

MY

(Contd. on page 5)

Safety Data Sheet according to P.U.(A) 310/2013

Printing date 17.05.2024

Version number 6

Revision: 15.02.2023

Trade name: CarpetPro Cleaner iCapsol, Tablet RM 760

(Contd. of page 4)

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Tablets
Colour:	Colourless
Odour:	green tea
Odour threshold:	Not determined.

pH-value:	Not determined.
pH-value 10 %:	8-9

· Change in condition

Melting point/freezing point	undetermined
Initial boiling point and boiling range	undetermined

Flash point:	Not applicable
--------------	----------------

Flammability (solid, gas)	Not determined.
---------------------------	-----------------

Auto-ignition temperature	not applicable
---------------------------	----------------

Decomposition temperature:	Not determined.
----------------------------	-----------------

Auto-ignition temperature	Product is not selfigniting.
---------------------------	------------------------------

Explosive properties:	Product does not present an explosion hazard.
-----------------------	---

· Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

Vapour pressure:	Not applicable.
------------------	-----------------

· Density:

Bulk density:	890 kg/m ³
Relative density	Not determined.
Vapour density	Not applicable.
Evaporation rate	Not applicable.

· Solubility in / Miscibility with

Water:	Soluble
--------	---------

Partition coefficient: n-octanol/water	Not determined.
--	-----------------

· Viscosity:

dynamic:	Not applicable.
kinematic:	Not applicable.

Other information	No further relevant information available.
-------------------	--

MY

(Contd. on page 6)

Safety Data Sheet according to P.U.(A) 310/2013

Printing date 17.05.2024

Version number 6

Revision: 15.02.2023

Trade name: CarpetPro Cleaner iCapsol, Tablet RM 760

(Contd. of page 5)

10 Stability and reactivity

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

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

497-19-8 sodium carbonate

Oral	LD50	2800 mg/kg (Rat)
Dermal	LD50	>2000 mg/kg (rabbit)

6153-56-6 oxalic acid dihydrate

Dermal	LD50	20000 mg/kg (Rabbit)
--------	------	----------------------

68439-46-3 C9-11 alcohol ethoxylate

Oral	LD50	>5000 mg/kg (Rat)
------	------	-------------------

- **Primary irritant effect:**
- **Skin corrosion or irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage or eye irritation** Causes serious eye irritation.
- **Respiratory / skin sensitization** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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.
- **Specific target organ toxicity (STOT) – single exposure** May cause respiratory irritation.
- **Specific target organ toxicity (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.

MY

(Contd. on page 7)

Safety Data Sheet according to P.U.(A) 310/2013

Printing date 17.05.2024

Version number 6

Revision: 15.02.2023

Trade name: CarpetPro Cleaner iCapsol, Tablet RM 760

(Contd. of page 6)

12 Ecological information

· Toxicity

· Aquatic toxicity:

497-19-8 sodium carbonate

EC50/48 h 200-227 mg/l (Ceriodaphnia dubia)

EC50/96 h 300 mg/l (Lepomis macrochirus)

77-92-9 citric acid

LC50/48 h 440 mg/l (Leuciscus idus) (OECD Test Guideline 203)

LC50/24 h 1.535 mg/l (Daphnia magna) (static test)

6153-56-6 oxalic acid dihydrate

LC50/48 h 160 mg/l (Leuciscus idus)

EC50/48 h 162.2 mg/l (Daphnia magna)

68439-46-3 C9-11 alcohol ethoxylate

LC50/96 h 1-10 mg/l (Oncorhynchus mykiss)

EC50/48 h 1-10 mg/l (Daphnia magna)

EC50/72 h 1-10 mg/l (Algae)

· **Persistence and degradability** No further relevant information available.

· **Behaviour in environmental systems:**

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· General notes:

The contained organic complexing agents reach a DOC-elimination grade of 80% (corresponding to No. 406 of Annex "Analytic and measuring methods") and with this meet the tightened demands of Annex 49 of the revised Directive on liquid waste.

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

The product does not contain organically bounded halogens (AOX-free).

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

(Contd. on page 8)

MY

Safety Data Sheet according to P.U.(A) 310/2013

Printing date 17.05.2024

Version number 6

Revision: 15.02.2023

Trade name: CarpetPro Cleaner iCapsol, Tablet RM 760

(Contd. of page 7)

· **Other adverse effects** No further relevant information available.

13 Disposal information

· **Waste treatment methods**

· **Recommendation**

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

Must be specially treated adhering to official regulations.

· **European waste catalogue**

20 01 29* | detergents containing hazardous substances

· **Uncleaned packaging:**

· **Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

· **Recommended cleansing agents:** Water, if necessary together with cleaning agents.

14 Transportation information

· **UN-Number**

· **ADR, IMDG, IATA**

Void

· **UN proper shipping name**

· **ADR, IMDG, IATA**

Void

· **Transport hazard class(es)**

· **ADR, ADN, IMDG, IATA**

· **Class**

Void

· **Packing group**

· **ADR, IMDG, IATA**

Void

· **Environmental hazards:**

Not applicable.

· **Special precautions for user**

Not applicable.

· **Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

· **UN "Model Regulation":**

Void

MY

(Contd. on page 9)

Safety Data Sheet
according to P.U.(A) 310/2013

Printing date 17.05.2024

Version number 6

Revision: 15.02.2023

Trade name: CarpetPro Cleaner iCapsol, Tablet RM 760

(Contd. of page 8)

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations**
- **Information about limitation of use:** Employment restrictions concerning juveniles must be observed.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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.
A product information sheet can be provided if requested.

- **Contact:**
Regulatory Affairs
Tel.: +49-7195-14-0
productsafety.management.de@karcher.com
- **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
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
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 4: Acute toxicity - oral – Category 4
Eye Dam. 1: Serious eye damage or eye irritation – Category 1
Eye Irrit. 2: Serious eye damage or eye irritation – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- *** Data compared to the previous version altered.**
- 0-011-335-0 RM 760 T/6 2-647