

# CarpetExpert - Tablet Extraction Cleaner RM 760



## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Date of issue: 07/13/2017      Revision date: 07/13/2017      Version: 1.00

### SECTION 1: Identification

#### 1.1. Product identifier

Trade name : CarpetExpert - Tablet Extraction Cleaner RM 760

#### 1.2. Recommended use and restrictions on use

Recommended use : Cleaning agent

#### 1.3. Supplier

##### Supplier

Alfred Kärcher GmbH & Co. KG  
Alfred-Kärcher-Str. 28-40  
P.O. Box 160  
71364 Winnenden  
T +49-7195-14-0 - F +49-7195-14-2212  
[www.karcher.com](http://www.karcher.com)

##### Email competent person

sds@kft.de

##### Importer

Kärcher Canada Inc.  
6535 Millcreek Drive, Unit 67  
MISSISSAUGA ON L5N 2M2  
Canada  
Home and Garden: 800-537-4129  
Professional: 888-705-9444

#### 1.4. Emergency telephone number

Emergency 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)

### SECTION 2: Hazard identification

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

##### Classification (GHS-CA)

Serious eye damage/eye irritation Category 2 H319  
Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS-CA labeling

Hazard pictograms (GHS-CA) :



Signal word (GHS-CA) :

Warning

Hazard statements (GHS-CA) :

H319 - Causes serious eye irritation

Precautionary statements (GHS-CA) :

P264 - Wash hands, forearms and face thoroughly after handling  
P280 - Wear eye protection, face protection  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P337+P313 - If eye irritation persists: Get medical advice/attention

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS-CA)

No data available

# CarpetExpert - Tablet Extraction Cleaner RM 760

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS-CA)
sodium carbonate	sodium carbonate	(CAS-No.) 497-19-8	25 - 50	Eye Irrit. 2, H319
Citric acid	Citric acid	(CAS-No.) 77-92-9	25 - 50	Eye Irrit. 2, H319
Oxalic acid dihydrate	Oxalic acid dihydrate	(CAS-No.) 6153-56-6	2.5 - 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Alcohols, C9-11, ethoxylated	Alcohols, C9-11, ethoxylated	(CAS-No.) 68439-46-3	1 - 2.5	Eye Irrit. 2A, H319

Full text of hazard classes and H-statements : see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
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	: Call a poison center/doctor/physician if you feel unwell.
First-aid measures general	: In all cases of doubt, or when symptoms persist, seek medical attention.

#### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after eye contact : Eye irritation.

#### 4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

#### 5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Strong water jet.

#### 5.3. Specific hazards arising from the hazardous product

No additional information available

#### 5.4. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: Do not allow run-off from fire fighting to enter drains or water courses. Disposal must be done according to official regulations.

### SECTION 6: Accidental release measures

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

No additional information available

#### 6.2. Methods and materials for containment and cleaning up

Methods for cleaning up	: Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal.
Other information	: Disposal must be done according to official regulations.

#### 6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.

# CarpetExpert - Tablet Extraction Cleaner RM 760

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed.

Information about storage in one common storage facility : Keep away from food, drink and animal feeding stuffs.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Oxalic acid dihydrate (6153-56-6)		
Alberta	OEL STEL (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Alberta	OEL TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
Alberta	Notations and remarks	URT, eye, & skin irr
British Columbia	OEL STEL (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
British Columbia	OEL TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
British Columbia	Notations and remarks	URT, eye, & skin irr
Manitoba	OEL STEL (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Manitoba	OEL TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
New Brunswick	OEL STEL (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
New Brunswick	OEL TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
New Foundland & Labrador	OEL STEL (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
New Foundland & Labrador	OEL TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
Nova Scotia	OEL STEL (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Nova Scotia	OEL TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
Nunavut	OEL STEL (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Nunavut	OEL TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
Northwest Territories	OEL STEL (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Northwest Territories	OEL TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
Prince Edward Island	OEL STEL (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Prince Edward Island	OEL TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
Saskatchewan	OEL STEL (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Saskatchewan	OEL TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

In case of repeated or prolonged contact wear gloves. EN 374. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Gloves must be replaced after each use and whenever signs of wear or perforation appear

#### Eye protection:

Wear closed safety glasses. EN 166

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

Not necessary with sufficient ventilation

# CarpetExpert - Tablet Extraction Cleaner RM 760

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

### SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Appearance	: tablet.
Color	: colorless
Odor	: characteristic
Odor threshold	: No data available
pH	: 7 (1% Solution)
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Vapor pressure at 50 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 0.89 g/cm <sup>3</sup> (20°C)
Solubility	: Water: Soluble
Log Pow	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosive properties	: Product is not explosive.
Oxidizing properties	: Non oxidizing material.
Explosion limits	: No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

<b>Citric acid (77-92-9)</b>	
LD50 oral	5400 mg/kg (mouse; eq. (OECD 401 method))
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)
<b>sodium carbonate (497-19-8)</b>	
LD50 oral rat	2800 mg/kg
LD50 dermal rabbit	> 2000 mg/kg body weight (EPA 16 CFR 1500.40)
LC50 inhalation rat (mg/l)	2300 mg/m <sup>3</sup> (2 h; male)
<b>Oxalic acid dihydrate (6153-56-6)</b>	
LD50 oral rat	375 mg/kg body weight male
LD50 dermal rabbit	20000 mg/kg body weight

# CarpetExpert - Tablet Extraction Cleaner RM 760

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

<b>Alcohols, C9-11, ethoxylated (68439-46-3)</b>	
LD50 oral rat	> 2000 mg/kg body weight
LD50 dermal rabbit	> 2000 mg/kg body weight
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 7 (1% Solution)
Serious eye damage/irritation	: Causes serious eye irritation. pH: 7 (1% Solution)
Respiratory or skin sensitization	: 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)
Symptoms/effects after eye contact	: Eye irritation.

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>Citric acid (77-92-9)</b>	
LC50 fish 1	> 440 mg/l (48 h; Leuciscus idus melanotus; eq. (OECD 203 method))
EC50 Daphnia 1	1535 mg/l (24 h; Daphnia magna)
<b>sodium carbonate (497-19-8)</b>	
LC50 fish 1	300 mg/l (96 h; Lepomis macrochirus (Bluegill))
EC50 Daphnia 1	200 - 227 mg/l (4 h; Ceriodaphnia sp.)
<b>Oxalic acid dihydrate (6153-56-6)</b>	
LC50 fish 1	160 mg/l (48 h; Leuciscus idus melanotus)
EC50 Daphnia 1	162.2 mg/l (48 h; Daphnia magna; (OECD 202 method))
<b>Alcohols, C9-11, ethoxylated (68439-46-3)</b>	
LC50 fish 1	> 1 - 10 mg/l (96h; Oncorhynchus mykiss (Rainbow trout))
EC50 Daphnia 1	> 1 - 10 mg/l (48h; Daphnia magna)
EC50 Daphnia 2	(48h; Daphnia magna)

### 12.2. Persistence and degradability

<b>Citric acid (77-92-9)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	100 % (19 d; (OECD 301E method))
<b>sodium carbonate (497-19-8)</b>	
Persistence and degradability	Not applicable.
<b>Oxalic acid dihydrate (6153-56-6)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	89 % (5 d)
<b>Alcohols, C9-11, ethoxylated (68439-46-3)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	> 60 % (OECD 301D method)

### 12.3. Bioaccumulative potential

<b>Citric acid (77-92-9)</b>	
Log Pow	< 0
<b>sodium carbonate (497-19-8)</b>	
Bioaccumulative potential	Not applicable.
<b>Oxalic acid dihydrate (6153-56-6)</b>	
Log Pow	-1.7 (23 °C)
Log Kow	-1.7 (23 °C)

# CarpetExpert - Tablet Extraction Cleaner RM 760

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

<b>Oxalic acid dihydrate (6153-56-6)</b>	
Log Koc	0.8 (20 °C)

### 12.4. Mobility in soil

<b>Citric acid (77-92-9)</b>	
Log Pow	< 0

<b>sodium carbonate (497-19-8)</b>	
Ecology - soil	Not applicable.

<b>Oxalic acid dihydrate (6153-56-6)</b>	
Log Pow	-1.7 (23 °C)
Log Kow	-1.7 (23 °C)
Log Koc	0.8 (20 °C)

### 12.5. Other adverse effects

GWPmix comment : No known effects from this product.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Disposal must be done according to official regulations. Do not dispose of with domestic waste. Do not discharge into drains or the environment.

## SECTION 14: Transport information

### 14.1. Basic shipping description

In accordance with TDG

#### TDG

Not regulated for transport

### 14.2. Transport information/DOT

#### DOT

Not regulated for transport

### 14.3. Air and sea transport

#### IMDG

Not regulated for transport

#### IATA

Not regulated for transport

## SECTION 15: Regulatory information

### 15.1. National regulations

<b>CarpetExpert - Tablet Extraction Cleaner RM 760</b>	
Canada DSL & NDSL Flags	On or in compliance with the inventory (DSL).
<b>Citric acid (77-92-9)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
<b>sodium carbonate (497-19-8)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
<b>Oxalic acid dihydrate (6153-56-6)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
<b>Alcohols, C9-11, ethoxylated (68439-46-3)</b>	
Listed on the Canadian DSL (Domestic Substances List)	

### 15.2. International regulations

# CarpetExpert - Tablet Extraction Cleaner RM 760

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

<b>Citric acid (77-92-9)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>sodium carbonate (497-19-8)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Oxalic acid dihydrate (6153-56-6)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Alcohols, C9-11, ethoxylated (68439-46-3)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory

### SECTION 16: Other information

Date of issue : 07/13/2017  
Revision date : 07/13/2017

Data sources : Information provided by the manufacturer. ECHA (European Chemicals Agency).  
Department issuing data specification sheet: : KFT Chemieservice GmbH  
Im Leuschnerpark. 3 64347 Griesheim  
Postfach 1451 64345 Griesheim  
Germany

Phone: +49 6155-8981-400 Fax: +49 6155 8981-500  
Safety Data Sheet Service: +49 6155 8981-522

Contact person : Dr. Rebecca Hiltrop

Full text of H-phrases:

H302	Harmful if swallowed
H318	Causes serious eye damage
H319	Causes serious eye irritation

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
DPD	Dangerous Preparations Directive 1999/45/EC
DSD	Dangerous Substances Directive 67/548/EEC
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TLM	Median Tolerance Limit
vPvB	Very Persistent and Very Bioaccumulative

KFT SDS CA 09

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*