



## SAFETY DATA SHEET

REVOKEM RP2

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Compilation date: 10/09/2018

Revision No: 1

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

#### 1.1. Product identifier

**Product name:** REVOKEM RP2

**Product code:** RP2

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

**Use of substance / mixture:** ERC5: Industrial use resulting in inclusion into or onto a matrix

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

**Company name:** Cemkem Limited

Wellington Street

Bury

BL8 2BD

UK

**Tel:** +44 161 7620044

**Email:** [sales@cemkem.co.uk](mailto:sales@cemkem.co.uk)

#### 1.4. Emergency telephone number

**Emergency tel:** +44 161 7620044

(office hours only)

### Section 2: Hazards identification

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

**Classification under CLP:** Eye Irrit. 2: H319

**Most important adverse effects:** Causes serious eye irritation.

#### 2.2. Label elements

**Label elements:**

**Hazard statements:** H319: Causes serious eye irritation.

**Hazard pictograms:** GHS07: Exclamation mark



**Signal words:** Warning

**Precautionary statements:** P264: Wash hands, forearms and face thoroughly after handling.

P280: Wear protective gloves/protective clothing/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.

[cont...]

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## 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

CITRIC ACID ANHYDROUS POWDER

EINECS	CAS	PBT / WEL	CLP Classification	Percent
201-069-1	77-92-9	-	-	30-50%

**Contains:** Sodium Gluconate

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water. Consult a doctor if irritation persists

**Eye contact:** Irrigate with eye wash solution or clean water, holding the eyelids apart, for at least 15 minutes. Get medical attention if eye irritation develops or persists.

**Ingestion:** Procedures not normally needed. If large quantities are ingested seek medical advice.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** See section 4

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

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

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

**Exposure hazards:** May generate toxic fumes in a fire. Firefighters should wear self contained breathing apparatus and appropriate protective clothing.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

[cont...]

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## Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

### 6.2. Environmental precautions

**Environmental precautions:** Avoid release to the environment. Contain and adsorb large spillages onto an inert, non flammable adsorbent carrier. Transfer to a lidded container for disposal or recovery.  
Earth may be shovelled to contain spillage and to avoid contamination of sewer.

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

**Clean-up procedures:** Avoid release to the environment. Contain and adsorb large spillages onto an inert, non flammable adsorbent carrier. Transfer to a lidded container for disposal or recovery.  
Earth may be shovelled to contain spillage and to avoid contamination of sewer.

### 6.4. Reference to other sections

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid contact with skin and eyes. Do not eat, drink or smoke while working.

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

**Storage conditions:** Store in a cool, well ventilated area. Avoid contact with water or humidity.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Respiratory protection:** Ensure good general ventilation. Do not use within a confined space.

**Hand protection:** Protective Gloves Advised.

**Eye protection:** Safety spectacles advised as a precaution.

**Skin protection:** Wear appropriate clothing to avoid skin contact.

## Section 9: Physical and chemical properties

[cont...]

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## 9.1. Information on basic physical and chemical properties

**State:** Powder

**Colour:** Off-white

**Solubility in water:** Soluble

## 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions. Avoid contact with strong bases

### 10.4. Conditions to avoid

**Conditions to avoid:** Strong bases. Oxidising Agents. Store between 5 and 40°C

### 10.5. Incompatible materials

**Materials to avoid:** Bases. Acids. Oxidising agents. Reducing agents.

### 10.6. Hazardous decomposition products

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

#### CITRIC ACID ANHYDROUS POWDER

ORL	MUS	LD50	5040	mg/kg
ORL	RAT	LD50	3	gm/kg
SCU	RAT	LD50	5500	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

[cont...]

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**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** See section 4

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Soluble in water.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Do not empty into drains, dispose of this material and its container in accordance with local and national regulations.

**Disposal of packaging:** Dispose of container in accordance with local and national regulations.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

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

### 15.2. Chemical Safety Assessment

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H319: Causes serious eye irritation.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive

[cont...]

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and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.