



SAFETY DATA SHEET

KG2 Cleaner & Sanitiser

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

SECTION 1: IDENTIFICATION OF THE SUBSTANCE MIXTURE AND OF THE COMPANY UNDERTAKING

1.1 Product identifier

Product Name KG2 Cleaner & Sanitiser
Product Number 656265P

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

Identified Use(s) Disinfectant, Sanitizer.

Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer
Company Identification Reza Chemical Industries
Address of Manufacturer P.O. Box 1555

Alreza Tower
Madina Road

Jeddah

Postalcode 21425

Telephone: 00966 12 657 2877

Fax Not known.

E-mail quality.rc@rezagroup.com

Office hours 7.00 - 16.30

1.4 Emergency telephone number

Emergency Phone No. Technical Advice: +966 12 637 3910 Ext. 2451/2452 Office Hours Only:
7:00AM to 4:30PM | Sun to Thurs
Contact quality.rc@rezagroup.com

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Skin Irrit. 2 : Causes skin irritation.
Eye Irrit. 2 : Causes serious eye irritation.
Aquatic Chronic 2 : Toxic to aquatic life with long lasting effects.

2.2 Label elements

Product Name KG2 Cleaner & Sanitiser
According to Regulation (EC) No. 1272/2008 (CLP)

Hazard Pictogram(s)



GHS07



GHS09

Signal Word(s)

Warning

Hazard Statement(s)

H315: Causes skin irritation.
H319: Causes serious eye irritation.
H411: Toxic to aquatic life with long lasting effects.

Precautionary Statement(s)

P273: Avoid release to the environment.
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.



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P501: Dispose of contents in accordance with local, state or national legislation.

2.3 Other hazards

None known.

2.4 Additional information

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

INGREDIENT(S)	CAS No.	EC No./REACH Registration No.	% w/w	Hazard Statement(s)
Quaternary ammonium compounds, benzyl-C 12-16-alkyl dimethyl chlorides	68424-85-1	270-325-2	1-5%	Acute Tox. 4 H302 Acute Tox. 4 H312 Skin Corr. 1A H314 Aquatic Acute 1 H400
decyl dimethyl ammonium chloride	32426-11-2	251-035-5	1-5%	Not classified
dimethyl octyl ammonium chloride	5538-94-3	226-901-0	0.1-1.0%	Acute Tox. 3 H301 Acute Tox. 2 H310 Skin Corr. 1B H314 Eye Dam. 1 H318 Aquatic Acute 1 H400 Aquatic Chronic 1 H410
didecyl dimethyl ammonium chloride	7173-51-5	230-525-2	0.1-1.0%	Acute Tox. 4 H302 Skin Corr. 1B H314
ethanol ethyl alcohol	64-17-5	200-578-6	0.1-1.0%	Flam. Liq. 2 H225

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Treat symptomatically.
Skin Contact	Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see Medical Advice on this label).
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.
Ingestion	Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed

Causes burns.

4.3 Indication of any immediate medical attention and special treatment needed

Specific treatment (see Medical Advice on this label). Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media



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- Suitable Extinguishing media As appropriate for surrounding fire.
Unsuitable extinguishing media None.
- 5.2 Special hazards arising from the substance or mixture**
May decompose in a fire, giving off toxic and irritant vapours.
- 5.3 Advice for fire fighters**
Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Do not use fire control water for later disposal.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
Provide adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection.
- 6.2 Environmental precautions**
Avoid release to the environment. Spillages or uncontrolled discharges into water courses must be alerted to the appropriate regulatory body.
- 6.3 Methods and material for containment and cleaning up**
Adsorb spillages onto sand, earth or any suitable adsorbent material.
Contain spillages with sand, earth or any suitable adsorbent material.
Earth may be shovelled to contain spillage and to avoid contamination of sewers and water courses.
- 6.4 Reference to other sections**
See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
- 7.2 Conditions for safe storage, including any incompatibilities**
- Storage temperature Ambient.
Storage life Stable under normal conditions.
Incompatible materials None known.
- 7.3 Specific end use(s)**
Not known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE	CAS No.	LTCL (8 hr TWA ppm)	LTCL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Ethanol	64-17-5	1000	1920			

Region	Source
EU	EU Occupational Exposure Limits
United Kingdom	UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark Notes

- 8.2 Exposure controls**
8.2.1. Appropriate engineering controls Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.



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8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN 166).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374).



Respiratory protection

Normally no personal respiratory protection is necessary.



Thermal hazards

None known.

8.2.3. Environmental Exposure Controls

Spillages or uncontrolled discharges into water courses must be alerted to the appropriate regulatory body.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Purple.
Odour	Not known.
Odour threshold	Not known.
pH	6.5
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	Not known.
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/m ³)	0.995.
Relative density	Not known.
Solubility (ies)	Solubility (Water): Not known. Solubility (Other): Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

10.2 Chemical stability



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	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No hazardous reactions known if used for its intended purpose.
10.4 Conditions to avoid	None anticipated.
10.5 Incompatible materials	Not known.
10.6 Hazardous decomposition products	No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 9615.38000
Acute toxicity - Skin Contact	Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 7432.43000
Acute toxicity - Inhalation	Not classified.
Skin corrosion/irritation	Calculation method : Causes skin irritation.
Serious eye damage/irritation	Calculation method : Causes serious eye irritation.
Skin sensitization data	Not classified.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Lactation	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

11.2 Other information

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	Harmful to aquatic life. Toxic to aquatic life with long lasting effects.
Toxicity - Fish	Not known.
Toxicity - Algae	Not known.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and Degradation

Not known.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

Not known.

12.5 Results of PBT and vPvB assessment

Not known.

12.6 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation.
Send to a licensed recycler, reclaim or incinerator. Dispose of this



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material and its container to hazardous or special waste collection point.
Dispose at suitable refuse site.

13.2 Additional information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Not known

14.7 Transport in bulk according to Annex II of MARPOL and the B.C. Code

Not known

SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

REACH: ANNEX XIV list of substances subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles
Quaternary ammonium compounds, benzyl-12-16-alkyl dimethyl chlorides (68424-85-1), dimethyldioctyl ammonium chloride (5538-94-3), didecyl dimethyl ammonium chloride (7173-51-5), ethanol ethyl alcohol (64-17-5), sodium 1-amino-4-(cyclohexylamino)-9,10-dihydro-9,10-dioxoanthracene-2-sulphonate (4368-56-3)

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EC) No 850/2004 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) No 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals
didecyl dimethyl ammonium chloride (7173-51-5)

National regulations

Other Not known.

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

Revision comments

This product is now using classification from CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

Revision Number

Issue 3

Revision Date

08/05/2020



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NFPA

Health hazards	1
Flammability	0
Instability/Reactivity	0
Other special hazards	-



LEGEND

Hazard Pictogram (s)



GHS07



GHS09

GHS02: GHS: Flame
GHS05: GHS: Corrosion
GHS06: GHS: Skull and crossbones

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2
Acute Tox. 3 : Acute toxicity, Category 3
Acute Tox. 4 : Acute toxicity, Category 4
Acute Tox. 2 : Acute toxicity, Category 2
Acute Tox. 4 : Acute toxicity, Category 4
Skin Corr. 1A : Skin corrosion/irritation, Category 1A
Skin Corr. 1B : Skin corrosion/irritation, Category 1B
Skin Irrit. 2 : Skin corrosion/irritation, Category 2
Eye Dam. 1 : Serious eye damage/irritation, Category 1
Eye Irrit. 2 : Serious eye damage/irritation, Category 2
Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1
Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1
Aquatic Chronic 2 : Hazardous to the aquatic environment, Chronic, Category 2

Hazard Statement(s)

H225: Highly flammable liquid and vapour.
H301: Toxic if swallowed.
H302: Harmful if swallowed.
H310: Fatal in contact with skin.
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
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.

Precautionary Statement(s)

P264: Wash hands and exposed skin thoroughly after handling.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see Medical Advice on this label).
P332+P313: If skin irritation occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P391: Collect spillage.



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Acronyms

P501 : Dispose of contents in accordance with local, state or national legislation.
CAS : Chemical Abstracts Service
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL : Derived No Effect Level
EC : European Community
EINECS : European Inventory of Existing Commercial Chemical Substances
LTEL : Long term exposure limit
PBT : Persistent, Bioaccumulative and Toxic
PNEC : Predicted No Effect Concentration
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
vPvB : very Persistent and very Bioaccumulative