



SAFETY DATA SHEET

KG 7.1 Antibacterial Fruit & Vegetable Wash



ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

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

1.1 Product identifier

Product Name KG 7.1 Antibacterial Fruit & Vegetable Wash
Product Number

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

Identified Use(s) Kitchen hygiene product. This product is intended to be diluted prior to use.
Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Supplier
Reza Chemical Industries
Alreza Tower, Madina Road
Jeddah 21425
Saudi Arabia
Head Office 012 657 2877
Factory 012 6373910
quality.rc@rezagroup.com

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
quality.rc@rezagroup.com

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 Skin Corr. 1B : Causes severe skin burns and eye damage.
(CLP) Eye Dam. 1 : Causes serious eye damage.

2.2 Label elements

Product Name According to Regulation (EC) No. 1272/2008 (CLP)
KG 7.1 Antibacterial Fruit & Vegetable Wash

Hazard Pictogram(s)



GHS05

Signal word(s)

Danger

Hazard Statement(s)

H314: Causes severe skin burns and eye damage.

Precautionary Statement(s)

P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P264: Wash hands and exposed skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with 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.
P310: Immediately call a POISON CENTRE/doctor.

2.3 Other hazards

None known.



SAFETY DATA SHEET

KG 7.1 Antibacterial Fruit & Vegetable Wash



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)	Hazard Pictogram(s)
lactic acid	50-21-5	200-018-0	20-40%	Skin Irrit. 2 H315 Eye Dam. 1 H318	GHS05 GHS07
phosphoric acid	7664-38-2	616-646-7	15-35%	Skin Corr. 1B H314	GHS05

INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
lactic acid	50-21-5	Skin Irrit. 2	C ≥ 10.00 ≤ 100.00	
		Eye Dam. 1	C ≥ 3.00 ≤ 100.00	
		Eye Irrit. 2	C ≥ 1.00 < 3.00	
phosphoric acid	7664-38-2	Skin Corr. 1B	C ≥ 25.00 ≤ 100.00	
		Skin Irrit. 2	C ≥ 10.00 < 25.00	
		Eye Irrit. 2	C ≥ 10.00 < 25.00	

Contains no non-classified vPvB substances.

Contains no non-classified substances with a Union workplace exposure limit.

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

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Immediately call a POISON CENTRE/doctor.
Skin Contact	Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a POISON CENTRE/doctor.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor.
Ingestion	Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTRE/doctor.

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). Immediately call a POISON CENTRE/doctor. Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

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

As appropriate for surrounding fire.



SAFETY DATA SHEET

KG 7.1 Antibacterial Fruit & Vegetable Wash



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

This material and its container must be disposed of in a safe way.

6.3 Methods and material for containment and cleaning up

Absorb spillages onto sand, earth or any suitable adsorbent material.
Transfer to a container for disposal.

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

Store locked up.

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.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Orthophosphoric acid	7664-38-2		1		2	

Region: United Kingdom
Source: 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.

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).



SAFETY DATA SHEET

KG 7.1 Antibacterial Fruit & Vegetable Wash



Respiratory protection Normally no personal respiratory protection is necessary.

Thermal hazards None known.

8.2.3. Environmental Exposure Controls Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Clear Colourless
Odour	Not known.
Melting point/freezing point	Not known.
Boiling point or initial boiling point and boiling range	Not known.
Flammability	Not known.
Lower and upper explosion limit	Not known.
Flash Point	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	Concentrated: ~1.0, 0.2% Solution: 2.33
Kinematic Viscosity	Not known.
Solubility	Solubility (Water): Not known. Solubility (Other): Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	Not known.
Density and/or relative density	Density (g/ml): 1.300
Relative vapour density	Not known.
Particle characteristics	Not known.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

10.2 Chemical stability

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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Ingestion	Calculation method: Not classified.
Acute toxicity - Skin Contact	Calculation method: Not classified.



SAFETY DATA SHEET

KG 7.1 Antibacterial Fruit & Vegetable Wash



Acute toxicity - Inhalation	Calculation method : Notclassified.
Skin corrosion/irritation	Calculation method : Causes severe skin burns and eye damage.
Serious eye damage/irritation	Calculation method : Causes serious eye damage.
Skin sensitization data	Calculation method : Notclassified.
Respiratory sensitization data	Calculation method : Notclassified.
Germ cell mutagenicity	Calculation method : Notclassified.
Carcinogenicity	Calculation method : Notclassified.
Reproductive toxicity	Calculation method : Notclassified.
Lactation	Calculation method : Notclassified.
STOT - single exposure	Calculation method : Notclassified.
STOT - repeated exposure	Calculation method : Notclassified.
Aspiration hazard	Calculation method : Notclassified.

11.2 Information on other hazards

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment compartment	Notclassified.
Toxicity - Terrestrial compartment	Notclassified.

12.2 Persistence and degradability

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 Endocrine disrupting properties

None known.

12.7 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 at suitable refuse site.

13.2 Additional information

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

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

UN No. 1805

14.2 UN proper shipping name

UN proper shipping name PHOSPHORIC ACID SOLUTION

14.3 Transport hazard class(es)

ADR/RID

ADR/RID Class 8

ADR Classification Code C1

Special Provisions

Limited Quantities 5 L

Excepted Quantities E1



SAFETY DATA SHEET

KG 7.1 Antibacterial Fruit & Vegetable Wash



Emergency Action Code	2R
Mixed Packing Instructions for Packages	P001 IBC03 LP01 R001
Special Packing Provisions for Packages	
Mixed Packing Instructions for Packages	MP19
Packing Instructions for Portable Tanks	T4
Special Provisions for Portable Tanks	TP1
Tank Code for Tanks	L4BN
Special Provisions for Tanks	TU42
Vehicle for Tank Carriage	AT
ADR Transport Category	3
Tunnel Restriction Code	E
Special Provisions for Carriage - Packages	V12
Special Provisions for Carriage - Bulk	
Special Provisions for Carriage - Loading, Unloading and Handling	
Special Provisions for Carriage - Operation	
ADR HN	80
MDG	
MDG Class	8
Special Provisions	
Limited Quantities	5L
Excepted Quantities	E1
Mixed Packing Instructions for Packages	P001 IBC03 LP01 R001
Special Packing Provisions for Packages	
Packing Instructions for Portable Tanks	T4
Special Provisions for Portable Tanks	TP1
MDG EMS	F-A, S-B
Stowage and Handling	Category A
Segregation	SGG1 SG36 SG49
Marine Pollutant	
ICAO/IATA	
IATA Proper Shipping Name	PHOSPHORIC ACID, SOLUTION
Excepted Quantities	E1
Passenger and Cargo Aircraft	Y841
Limited Quantities Packing Instructions	
Passenger and Cargo Aircraft	1L
Limited Quantities Max net Qty	
Passenger and Cargo Aircraft	852
Packing Instructions	
Passenger and Cargo Aircraft Max net Qty	5L
Cargo Aircraft Packing Instructions	856
Cargo Aircraft Max net Qty	60L
Special Provisions	A3, A803
Emergency Response Guidebook (ERG) Code	8L
Labels	



SAFETY DATA SHEET

**KG 7.1 Antibacterial
Fruit & Vegetable Wash**



Labels

8



14.4 Packing group

Packing group

III

14.5 Environmental hazards

Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Special precautions for user

Not known.

14.7 Maritime transport in bulk according to IMO instruments

No information available

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

High Concern for Authorisation

REACH: ANNEX XIV list of

Not listed

substances subject to authorisation

REACH: Annex XVII Restrictions on

the manufacture, placing on the

market and use of certain dangerous

substances, mixtures and articles

Community Rolling Action Plan

(CoRAP)

Regulation (EU) N° 2019/1021 of the

European Parliament and of the

Council on persistent organic

pollutants

Regulation (EC) N° 1005/2009 on

substances that deplete the ozone

layer

Regulation (EU) N° 649/2012 of the

European Parliament and of the

Council concerning the export and

import of hazardous chemicals

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

First issue

Revision Number

1

Revision Date

20/02/2022

LEGEND

Hazard Pictogram (s)



GHS05

GHS07: GHS Exclamation mark



SAFETY DATA SHEET

KG 7.1 Antibacterial Fruit & Vegetable Wash



Hazard classification	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
Hazard Statement(s)	H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H318: Causes serious eye damage.
Precautionary Statement(s)	P260: Do not breathe dust/fume/gas/mist/vapours/spray. P264: Wash hands and exposed skin thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P304+P340: IF INHALED: Remove person to fresh air and keep 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. P310: Immediately call a POISON CENTRE/doctor. P321: Specific treatment (see Medical Advice on this label). P363: Wash contaminated clothing before reuse. P405: Store locked up. P501: Dispose of contents in accordance with local, state or national legislation.
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 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 IATA : International Air Transport Association IBC : Intermediate Bulk Container ICAO : International Civil Aviation Organization IMDG : International Maritime Dangerous Goods LTEL : Long term exposure limit PBT : Persistent, Bioaccumulative and Toxic PNEC : Predicted No Effect Concentration REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals RID : Regulations concerning the International Carriage of Dangerous Goods by Rail STEL : Short term exposure limit STOT : Specific Target Organ Toxicity UN : United Nations vPvB : very Persistent and very Bioaccumulative
Key literature references and sources for data used to compile the SDS	Regulation (EC) No. 1272/2008 (CLP)
Disclaimers	Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Reza Chemical Industries gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Reza Chemical Industries accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.