

SAFETY DATA SHEET

FG 12 Glass Cleaner

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

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

1.1 Product identifier

Product Name FG 12 Glass Cleaner
Product Code 656275P

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

Identified Use(s) Cleaning agent. For professional use only.

1.3 Details of the supplier of the safety data sheet

Supplier

Company Identification Reza Chemical Industries
Address of Manufacturer P.O. Box 1555
Alreza Tower
Madina Road
Jeddah 21425

Telephone: 00966 12 657 2877

Fax 00966 12 657 2832

E-mail quality.rci@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)

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Eye Irrit. 2 : Causes serious eye irritation.
Skin Irrit. 2 : Causes skin irritation.
Skin Sens. 1 : May cause an allergic skin reaction.

2.2 Label elements

Product Name According to Regulation (EC) No. 1272/2008 (CLP)
FG 12 Glass Cleaner

Hazard Pictogram(s)



GHS07

Signal Word(s)

Warning

Hazard Statement(s)

H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.

Precautionary Statement(s)

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing 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.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.
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.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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3.1 Substances

Not applicable.

3.2 Mixtures

INGREDIENT	CAS No.	EC No./REACH Registration No.	% W/W	Hazard Statement(s)	Hazard Pictogram(s)
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	68585-34-2	500-223-8	3-10%	Skin Irrit. 2 H 315 Eye Irrit. 2 H 319	GHS 07
Alcohols, C9-11, ethoxylated	68439-46-3	614-482-0	0-1.0%	Acute Tox. 4 H 302 Eye Dam. 1 H 318	GHS 05 GHS 07
1,2-benzisothiazol-3(2H)-one 1,2-benzisothiazolin-3-one	2634-33-5	220-120-9	0-1.0%	Acute Tox. 4 H 302 Skin Irrit. 2 H 315 Skin Sens. 1 H 317 Eye Dam. 1 H 318 Aquatic Acute 1 H 400	GHS 05 GHS 09
Perfume			0-1.0%	Skin Irrit. 2 H 315 Skin Sens. 1 H 317 Eye Irrit. 2 H 319 Repr. 2 H 361 Aquatic Acute 1 H 400 Aquatic Chronic 2 H 411	GHS 08 GHS 07 GHS 09
Citric acid	77-92-9	201-069-1	0-1.0%	Eye Irrit. 2 H 319	GHS 07

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation Treat symptomatically.

Skin Contact Take off immediately all 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. Allergic contact dermatitis.

4.3 Indication of any immediate medical attention and special treatment needed

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

5. 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

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep fire control water for later disposal.

6. 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

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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 watercourses.

6.4 Reference to other sections

See Also Section 8, 13.

7. 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/hearing protection.
Avoid breathing dust/fume/gas/mist/vapours/spray.

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)

Cleaning agent

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits: No Occupational Exposure Limit assigned.

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).



Respiratory protection: Normally no personal respiratory protection is necessary.



Thermal hazards: None known.

8.2.3. Environmental Exposure Controls: Avoid release to the environment.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Liquid.
Colour: Blue
Odour: Faint
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.

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Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/m l)	Not known.
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.

10. 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.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute toxicity - Ingestion	Not classified. Calculated acute toxicity estimate (ATE) Calc ATE - 27841.19000
Acute toxicity - Skin Contact	Not classified.
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	Calculation method: May cause an allergic skin reaction.
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.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Harmful to aquatic life.
Toxicity - Aquatic invertebrates	Not known.
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.

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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.

13. 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, reclaimer or incinerator.

13.2 Additional information

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

14. SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

15. 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

High Concern for Authorisation

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 Not listed

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

National regulations

Other Not known.

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

Revision comments

No change in classification. Review and update only.

Revision date

16/02/2023

Revision

2

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LEGEND

Hazard Pictogram (s)



GHS07

GHS05: GHS: corrosive
GHS08: GHS: health hazard
GHS09: GHS: fish and tree

Hazard classification

Acute Tox. 4 : Acute toxicity, Category 4
Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1
Aquatic Chronic 2 : Hazardous to the aquatic environment, Chronic, Category 2
Eye Dam. 1 : Serious eye damage/irritation, Category 1
Eye Irrit. 2 : Serious eye damage/irritation, Category 2
Repr. 2 : Reproductive toxicity, Category 2
Skin Irrit. 2 : Skin corrosion/irritation, Category 2
Skin Sens. 1 : Skin sensitization, Category 1

Hazard Statement(s)

H302: Harmful if swallowed.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H361: Suspected of damaging fertility or the unborn child.
H400: Very toxic to aquatic life.
H411: Toxic to aquatic life with long lasting effects.

Precautionary Statement(s)

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P264: Wash hands and exposed skin thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing 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.
P333+P313: If skin irritation or rash 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.
P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

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

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