

SAFETY DATA SHEET

KG5 - Hi-Temp Grill Cleaner

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Product name KG5 - Hi-Temp Grill Cleaner

Product number 656267IP

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

Identified uses Grill cleaner for industrial and professional use

1.3. Details of the supplier of the safety data sheet

Supplier Reza Chemical Industries
P.O. Box 1555
Jeddah 21425
Alireza Tower
Madina Road
Tel: Head Office 012 657 2877
Fax: Head Office 012 657 2832
Tel: Factory 012 637 3910
Fax: Factory 012 637 3910 Ext 2525
E-Mail: quality.rci@rezagroup.com

1.4. Emergency telephone number

Emergency telephone Technical Advice +966 12 637 3910 Ext. 2451/2452
(Office hours only: 7:30am to 4:30pm Sun to Thurs)

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not classified

Health hazards Eye Irrit. 2 - H320

Environmental hazards Not Classified

2.2. Label elements

Signal word Warning

Hazard statements H320 Causes eye irritation.

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Precautionary statements

P264 Wash skin thoroughly after handling.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P315 Get immediate medical advice/ attention.

P501 Dispose of contents/ container in accordance with local regulations.

2.3. Other hazards

None known.

SECTION 3: Composition/Information on ingredients

3.2. Mixtures

GLYCERIN		30-60%
CAS number: 56-81-5	EC number: 200-289-5	
Classification Not classified		
POTASSIUM CARBONATE		
CAS number: 584-08-7		
Classification Acute Tox. 4 - H302 Eye Irrit. 2 - H319		10-30%

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Get medical attention if symptoms occur.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Skin contact	Rinse with plenty of water
Eye contact	Rinse with plenty of water.
Protection of first-aiders	No special precautions are necessary for first aid responders.
Note to physician	Treat symptomatically.
Most important symptoms and effects, both acute and delayed	See section 11 for more detailed information on health effects and symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	None known.
Special hazards during fire fighting	Not flammable or combustible.
Hazardous combustion products	Decomposition products may include the following materials: Carbon oxides Nitrogen oxides (NOx) Sulfur oxides Oxides of phosphorus
Special protective equipment for fire-fighters	Use personal protective equipment.
Specific extinguishing methods	Fire residue and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

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SECTION 6: Accidental release measures

Personal precautions, protective equipments and emergency procedures

Refer to protective measures listed in section 7 and 8.

Environmental precaution

Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up

Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

SECTION 7: Handling and storage

Advice on safe handling

Wash hands thoroughly after handling.

Conditions for safe storage

Keep out of reach of children. Store in a suitable containers.

Storage temperature

0°C to 50°C

SECTION 8: Exposure Controls/personal protection

Ingredients with workplace control parameters

Ingredients	CAS-No.	Form of exposure	Permissible concentration	Basis
glycerin	56-81-5	TWA	10 mg/m ³	ACGIH
		TWA (respirable fraction)	5 mg/m ³	OSHA Z1

Engineering measures

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment

Eye protection

: No special protective equipment required.

Hand protection

: When handling hot material, use heat resistant gloves.

Skin protection

: No special protective equipment required.

Respiratory protection

: No personal respiratory protective equipment normally required.

Hygiene measures

: Handle in accordance with good industrial hygiene and safety practice.

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SECTION 9: Physical and Chemical Properties

Appearance	: liquid
Color	: clear, light yellow
Odor	: odorless
pH	: 12.0,
Flash point	: Not applicable
Odor Threshold	: No data available
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: No data available
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapor pressure	: No data available
Relative vapor density	: No data available
Relative density	: 1.29
Water solubility	: No data available
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Autoignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity, kinematic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Molecular weight	: No data available
VOC	: No data available

SECTION 10: Stability and reactivity

Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use.
Conditions to avoid	: None known.
Incompatible materials	: Acids
Hazardous decomposition products	: Decomposition products may include the following materials: Carbon oxides Nitrogen oxides (NOx) Sulfur oxides Oxides of phosphorus

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SECTION 11: Toxicological information

Information on likely routes of exposure : Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes : Causes eye irritation.

Skin : Health injuries are not known or expected under normal use.

Ingestion : Health injuries are not known or expected under normal use.

Inhalation : Health injuries are not known or expected under normal use.

Chronic Exposure : Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact : Redness, Irritation

Skin contact : No symptoms known or expected.

Ingestion : No symptoms known or expected.

Inhalation : No symptoms known or expected.

Toxicity

Product

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg
Acute toxicity estimate : > 5,000 mg/kg

Acute inhalation toxicity : No data available

Acute dermal toxicity : No data available

Skin corrosion/irritation : No skin irritation

Serious eye damage/eye irritation : Mild eye irritation

Respiratory or skin sensitization : No data available

Carcinogenicity : No data available

Reproductive effects : No data available

Germ cell mutagenicity : No data available

Teratogenicity : No data available

STOT-single exposure : No data available

STOT-repeated exposure : No data available

Aspiration toxicity : No data available

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Ingredients

Acute inhalation toxicity : potassium carbonate
4 h LC50 Rat: 5.26 mg/l

Ingredients

Acute dermal toxicity : glycerin
LD50 Rabbit: 23,000 mg/kg

potassium carbonate
LD50 Rabbit: 2,000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects : This product has no known ecotoxicological effects.

Product

Toxicity to fish : No data available

Toxicity to daphnia and other aquatic invertebrates : No data available

Toxicity to algae : No data available

Ingredients

Toxicity to fish : glycerin
96 h LC50 Fish: 855 mg/l

potassium carbonate
96 h LC50 Fish: 230 mg/l

Persistence and degradability

Readily biodegradable.

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods : Diluted product can be flushed to sanitary sewer.

Disposal considerations : Dispose of in accordance with local, state, and federal regulations.

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SECTION 14: TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (DOT)

Not dangerous goods

Sea transport (IMDG/IMO)

Not dangerous goods

SECTION 15: REGULATORY INFORMATION

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

U legislation

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures. Ingredients are listed with classification under both CHIP - Directive 67/548/EEC - classification, packaging & labelling of dangerous substances & GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

Guidance

Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

SECTION 16: OTHER INFORMATION

NFPA Rating

Health hazards	2
Flammability	0
Instability	0
Other special hazards	ALK



Key literature references and source for data

Material Safety Data Sheet, Misc. manufacturers. CLP Class - Table 3.1 List of harmonised classification and labeling of hazardous substances. CHIP Class - Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC. ECHA - C&L Inventory database.

Revision comments

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

Revision date 31/10/2020

Revision 2

SDS status The Risk Phrases / Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Risk Phrases / Hazard Statements relating to this Product see Section 2.

Risk phrases in full

R22 Harmful if swallowed.
R36 Irritating to eyes.

Hazard statements in full

H302 Harmful if swallowed.
H319 Causes serious eye irritation.
H320 Causes eye irritation.