

## SAFETY DATA SHEET

### KG2 Cleaner & Sanitiser

#### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product identifier****Product name** KG2 Cleaner & Sanitiser**Other means of identification****Product code** 656265IP**Recommended use of the chemical and restrictions on use****Recommended Use** Disinfectant Sanitizer  
**Uses advised against** No information available**Details of the supplier of the safety data sheet**

<b>Supplier</b> Reza Chemical Industries	Tel: Head Office 012 657 2877
P.O. Box 1555	Tel: Factory 012 637 3910
Alireza Tower	Fax: Head Office 012 657 2832
Madina Road	Fax: Factory 012 637 3876
Jeddah 21425	E-mail: quality.rci@rezagroup.com

**Emergency telephone number****EMERGENCY TELEPHONE** OUTSIDE U.S.: +1-352-323-3500  
Technical Advice: +966 12 637 3910 Ext. 2451/2452  
(Office hours only: 7:30am to 4:30pm, Sun to Thurs)

#### 2. HAZARDS IDENTIFICATION

**Classification****OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)  
This chemical is considered hazardous by the WHMIS 2015 Hazardous Products Regulation.

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A

**Label elements****Emergency Overview****WARNING****Hazard statements**

Causes skin irritation  
Causes serious eye irritation

## KG2 Cleaner & Sanitiser



**Appearance** Clear Colorless

**Physical state** Liquid

**Odor** Mild

### Precautionary Statements - Prevention

Wear eye/face protection

Wash face, hands and any exposed skin thoroughly after handling

### Precautionary Statements - Response

Call a POISON CENTER or doctor/physician if you feel unwell

IF IN EYES: 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

IF ON SKIN: Wash with plenty of soap and water

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash before reuse

### Hazards not otherwise classified (HNOC)

No information available

### Other Information

- Toxic to aquatic life with long lasting effects.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION	CAS No.	%	TRADE SECRET
Didecyl dimethyl ammonium chloride	7173-51-5	0-1	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. FIRST AID MEASURES

### First aid measures

#### General advice

Immediately call a POISON CENTER or doctor/physician.

#### Eye contact

IF IN EYES: 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.

#### Skin contact

IF ON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation occurs: Get medical advice/ attention. Remove contaminated clothing and launder before reuse.

#### Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

#### Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

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

#### Symptoms

No information available.

## KG2 Cleaner & Sanitiser

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

**Note to physicians** Probable mucosal damage may contraindicate gastric lavage.

## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>). Dry chemical. Foam.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

### Specific hazards arising from the chemical

No information available.

### Explosion data

**Sensitivity to Mechanical Impact** NONE.

**Sensitivity to Static Discharge** NONE.

### Protective equipment and precautions for firefighters

CORROSIVE MATERIAL. Avoid exposure to mist and splashes. Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Cool exposed containers with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

### Environmental precautions

**Environmental precautions** See Section 12 for additional ecological information.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** DANGER: Corrosive liquid and vapors. Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors. Wash thoroughly after handling. Do not reuse container. Read and follow label instructions. Keep out of reach of children.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Store only in original container and keep closed. Store in a cool, dry area. Store in a well ventilated area. Keep from freezing. Do not contaminate water, food, or feed. Do not reuse container. Empty containers may retain product residue, follow SDS/label precautions even after container is emptied.

**Incompatible materials** Strong oxidents, such as nitric acid, or hypochlorites. Reducing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Exposure Guidelines

### Appropriate engineering controls

## KG2 Cleaner & Sanitiser

**ENGINEERING CONTROLS**                      General mechanical and/or local exhaust as needed to meet exposure limits if mist in air. Showers. Eyewash stations.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**                      Safety glasses are recommended to minimize eye contact.

**Skin and body protection**                Chemical resistant gloves are recommended to minimize skin contact. Appropriate protective clothing as needed to prevent skin contact. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.

**RESPIRATORY PROTECTION**            None normally required. NIOSH approved respirator if spray mist in air causes irritation.

**General Hygiene Considerations**        Handle in accordance with good industrial hygiene and safety practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Clear Colorless	<b>Odor threshold</b>	No information available
<b>Color</b>	No information available		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
<b>pH</b>	9.0		
<b>Melting point/freezing point</b>	No information available		
<b>Boiling point / boiling range</b>	100 °C / 212 °F		
<b>Flash point</b>	-	None to boiling.	
<b>Evaporation rate</b>	No information available		
<b>Flammability (solid, gas)</b>	No information available		
<b>Flammability Limit in Air</b>			
<b>Upper flammability limit:</b>	No information available		
<b>Lower flammability limit:</b>	No information available		
<b>Vapor pressure</b>	No information available		
<b>Vapor density</b>	No information available		
<b>Specific gravity</b>	0.99		
<b>Water solubility</b>	No information available		
<b>Solubility in other solvents</b>	No information available		
<b>Partition coefficient</b>	No information available		
<b>Autoignition temperature</b>	No information available		
<b>Decomposition temperature</b>	No information available		
<b>Kinematic viscosity</b>	No information available		
<b>Dynamic viscosity</b>	No information available		
<b>Explosive properties</b>	No information available		
<b>Oxidizing properties</b>	No information available		

**Other Information**

<b>Softening point</b>	No information available
<b>VOC (EPA METH.24) (G/L):</b>	12.34
<b>Density</b>	No information available
<b>Bulk density</b>	No information available

### 10. STABILITY AND REACTIVITY

**REACTIVITY**

No data available

**Chemical stability**

Stable under recommended storage conditions.

## KG2 Cleaner & Sanitiser

### Possibility of Hazardous Reactions

None under normal processing.

### CONDITIONS TO AVOID

Keep away from heat, sparks, and flame. Strong oxidizing agents.

### Incompatible materials

Strong oxidents, such as nitric acid, or hypochlorites. Reducing agents.

### Hazardous Decomposition Products

Carbon Monoxide. Carbon dioxide (CO<sub>2</sub>). Hydrogen chloride gas.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Product Information</b>	Serious eye damage/eye irritation.
<b>Inhalation</b>	No data available.
<b>Eye contact</b>	Severely irritating to eyes.
<b>Skin contact</b>	Causes skin irritation.
<b>Ingestion</b>	No data available.

### Information on toxicological effects

**Symptoms** No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

### Numerical measures of toxicity - Product Information

<b>Unknown Acute Toxicity</b>	4.505% of the mixture consists of ingredient(s) of unknown toxicity
<b>The following values are calculated based on chapter 3.1 of the GHS document .</b>	
<b>ATEmix (oral)</b>	33333 mg/kg
<b>ATEmix (dermal)</b>	35500 mg/kg

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic to aquatic life with long lasting effects.

6.005% of the mixture consists of components(s) of unknown hazards to the aquatic environment

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

## KG2 Cleaner & Sanitiser

**Other adverse effects** No information available

### 13. DISPOSAL CONSIDERATIONS

#### **Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

### 14. TRANSPORT INFORMATION

#### **DEPT. OF TRANSPORTATION**

<b>UN/ID No.</b>	1903
<b>Proper shipping name</b>	DISINFECTANT LIQUID, CORROSIVE, N.O.S. (QUATERNARY AMMONIUM COMPOUND)
<b>Hazard Class</b>	8
<b>Packing Group</b>	II
<b>Description</b>	1 Liter (0.26 Gallons) and Less may be classed as LTD. QTY.

#### **TDG**

<b>UN/ID No.</b>	1903
<b>Proper shipping name</b>	DISINFECTANT LIQUID, CORROSIVE, N.O.S. (QUATERNARY AMMONIUM COMPOUND)
<b>Hazard Class</b>	8
<b>Packing Group</b>	II
<b>Description</b>	1 Liter (0.26 Gallons) and Less may be classed as LTD. QTY.

### 15. REGULATORY INFORMATION

#### **International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Does not Comply
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

#### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

## KG2 Cleaner & Sanitiser

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **SARA 311/312 Hazard Categories**

<b>ACUTE HEALTH HAZARD</b>	YES
<b>CHRONIC HEALTH HAZARD</b>	No
<b>FIRE HAZARD</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>REACTIVE HAZARD</b>	No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals

### U.S. State Right-to-Know Regulations

#### **U.S. EPA Label Information**

**EPA Pesticide Registration Number** 10324-117-527

#### **EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

#### **EPA Pesticide Label**

DANGER.

Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through the skin.

This product is toxic to fish.

## 16. OTHER INFORMATION

#### **NFPA**

**Health hazards** 3

**Flammability** 0

**Instability** 0

**Physical and Chemical Properties** CORR

#### **HMIS**

**Health hazards** 3

**Flammability** 0

**Physical hazards** 0

**Personal protection** D

#### **Prepared By**

**Revision Date**

31/05/2018

**Revision Note**

#### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the

## KG2 Cleaner & Sanitiser

---

date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**\*\*\* END OF SDS \*\*\***