

# SAFETY DATA SHEET

## Klenzmatic

Machine dishwashing liquid detergent



#### 1.IDENTIFICATION

1.1 Product identifier: Klenzmatic Product Code: KIT9038

1.2 Identified uses Machine dish washing liquid

1.3 Manufacture's Name: Columbus Cleaning Solutions (Pty) Ltd

Address: 21 Chrislou Crescent

**Alberton North** 

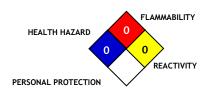
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Date prepared: 24.07.2023
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1.5 E-mail Address: salesjhb@columbussa.com

## 2. HAZARDS IDENTIFICATION:

2.1 Classification



Main hazard: Highly alkaline.
Flammability: Non flammable
Health effects - skin: Avoid skin contact.

ingestion: Avoid contact with mouth and eyesinhalation: Avoid inhalation of fine spray.

Carcinogenicity, Mutagenicity

& Neurotoxicity: No ingredients are classified as such

#### 2.2 Labelling

S2 Keep out of reach of children.

S50 Do not mix with any other substances.

\$37/39 Do not store in direct sunlight

## 3. COMPOSITION:

3.1 Mixture

Potassium hydroxide Cas# 1310-58-3 < 10%
Potassium silicate Cas# 1312-76-1 < 10%
Tetrapotasium pyrophosphate Cas# 7320-34-5 < 20%
Ethylenediaminetetraacetic acid R Phrases: 36, 37, 38

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## 4. FIRST AID MEASURES:

Product in eye: Flush thoroughly with water for about 15 minutes and seek medical

advice if irritation persists

Product on skin: Rinse well with water. Apply skin cream if irritation persists.

Product ingested: Drink large quantity of water or milk and seek medical advice.

Product inhaled: Move to fresh air and seek medical attention if irritation persists.

### 5. FIRE FIGHTING MEASURES:

Extinguishing Media: Water, spray or fog, CO2 powder

Protective Clothing: Wear protective clothing

Special Hazards: None

# 6. ACCIDENTAL RELEASE MEASURES:

Personal precautions: Floor may be made slippery.

Small spills: Dilute with water and mop up and wash area.

Large spills: Large quantities should be gathered in plastic containers

and be dumped in an authorized place.

Clean as per Government regulations. Soak up with inert absorbent material (eg. Sand, silica gel, acid binder, sawdust).

### 7. HANDLING AND STORAGE:

Suitable Material: Plastic containers

Handling Storage Precessions: Keep in a cool place. Keep lid closed.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION:

Occupational Exposure Limits: Nil

Engineering Control Measures: Not required

Personal Protection: Wear protective clothing

Other Protection: None

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: A clear yellow liquid.

Odour: Mild.
pH: 12.0 - 14.0
Boiling point: About 100°C.

Melting point: N/A
Flash point: N/A

Flammability: Non flammable.

Auto flammability - degrees C: Nil
Explosive properties: None
Oxidizing properties: None
Neurotoxiticy: Nil.

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#### 10. STABILITY AND REACTIVE

Stable under normal conditions. Chemical Stability:

Incompatible Materials: Acids and alkalis

Hazardous decomposition products: Nil.

### 11. TOXICOLOGICAL INFORMATION

It could irritate and corrode mucous membranes if swallowed because of its alkalinity.

#### 12. ECOLOGICAL INFORMATION

Estimated from raw material concentrations and their published biodegradability, the product is more than 99% biodegradable.

Assumed non toxic Aquatic Toxicity: Fish: Daphnia: Aquatic Toxicity: Assumed non toxic Aquatic Toxicity: Algae: Assumed non toxic

Biodegradability: Yes Bio-accumulations: Nil

# 13. DISPOSAL CONSIDERATIONS

Disposal methods: Dispose in accordance with local legislation

Disposal of packaging: No special precautions

#### 14. TRANSPORT INFORMATION

Not classified as "Dangerous for Transport".

### 15. REGULATORY INFORMATION

EEC hazard classification: N/A Risk Phases: 36, 37, 38 National Legislation: N/A

## 16. OTHER INFORMATION

#### Disclaimer

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Ref: KIT9038 Date: 24.07.2023