K73 Kitchen Sanitizing Powder & Destainer

MATERIAL SAFETY DATA SHEET

Date of issue: 19/06/2021 Version: 1.1

Section 1: Chemical & Product Identification

1.1 Product Identifier

Product name	K73 Kitchen Sanitizing Powder & Destainer
Application	K73 Kitchen Sanitizing Powder & Destainer is a chlorine-based sanitizing powder used in wide range of application including hard surface sanitization, food contact surface & non-food contact surface disinfection. The soluble free flowing formula cleans tough coffee and tea stains from cups and pots, while disinfecting kettles, coffee machines, soft serve dispenser and milk shake machines.

1.2 Details of Supplier and Manufacturer:

Supplier details:	Synergystica Trading LLC, Warehouse 45, 23rd Street, Al Quoz Industrial Area 3 Dubai, UAE.
Manufacturer details:	Unichem Industries FZE No. 110 A, Phase 1, Fujairah Free zone, Fujairah, UAE P.O.BOX 7423 Tel. +97192282653 Fax. +97192282654 Email. info@unichem-ind.com www.unichem-ind.com

1.3 Emergency number:

+971 9 2282653

Section 2: Composition, information & ingredients

Characterization	For sanitizing and removing stains of kitchen surfaces and equipment's.
Main Ingredients	sodium di-chloroisocyanurate and dihydrate

Section 3: Hazards Identification

2.1 Classification of the substance or mixture
EUH031
Chronic aquatic toxicity, Category 2

2.2 Label elements



Hazard statements:
EUH031 - Contact with acids liberates toxic gas.
H411 - Toxic to aquatic life with long lasting effects.

2.3 Other hazards
No other hazards known.

Section 4: First Aid Measure

Skin contact	Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Keep at rest. Immediately call a POISON CENTRE, doctor or physician.
Self-protection of first aider	Consider personal protective equipment as indicated in subsection 8.2

Most important symptoms and effects, both acute and delayed

Inhalation: May cause bronchospasm in chlorine sensitive individuals.
Skin contact: No known effects or symptoms in normal use.
Eye contact: No known effects or symptoms in normal use.
Ingestion: No known effects or symptoms in normal use.

Section 5: Fire Fighting Measure

Extinguishing	Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.
Special Firefighting Procedures	No special safety equipment required as the product itself creates foam with water. As in any fire, wear self-contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

Section 6: Accidental Release Measure

Environmental precautions
Do not allow to enter drainage system, surface or ground water. Dilute with plenty of water. Inform responsible authorities in case undiluted product reaches drainage system, surface or ground water or the ground/soil.

Methods and material for containment and cleaning up
Collect mechanically.

Reference to other sections
For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

Section 7: Handling & Storage

7.1 Precautions for safe handling Measures to prevent fire and explosions:
No special precautions required.

Measures required to protect the environment:
For environmental exposure controls see subsection 8.2.

Advice on general occupational hygiene:
Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless advice. Wash hands before breaks and at the end of workday. Wash face, hands and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Use personal protective equipment as required. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

7.2 Conditions for safe storage, including any incompatibilities
Store in accordance with local and national regulations. Keep only in original container.
For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

7.3 Specific end use(s)
No specific advice for end uses available.

Section 8: Exposure controls / Personal Protection

Personal protection	None
Respiratory protection	Not required
Hand protection	No special requirements under normal use conditions.
Eye protection	No special requirements under normal use conditions.
Environmental exposure controls:	No special requirements under normal use conditions.

Section 9: Physical and Chemical Properties

Appearance	Crystalised powder/ Liquid when diluted
Odour	Product Specific
PH-value	8.4 (neat)
Melting point/melting range	Not determined.
Boiling point/boiling range	Not Determined
Specific Gravity	Not Determined
Explosive properties	None expected
Solubility in/miscibility with water	Fully miscible

Section 10: Stability and Reactivity

10.1 Reactivity
No reactivity hazards known under normal storage and use conditions.
10.2 Chemical stability
Stable under normal storage and use conditions.
10.3 Possibility of hazardous reactions
No hazardous reactions known under normal storage and use conditions.
10.4 Conditions to avoid

None known under normal storage and use conditions.

10.5 Incompatible materials

None known under normal use conditions.

10.6 Hazardous decomposition products

None known under normal storage and use conditions.

Section 11: Toxicological information

Skin contact:	Causes skin irritation on prolonged contact.
Eye contact:	Causes eye irritation on direct contact.
Ingestion:	May be harmful if swallowed in large quantities.
Inhalation	None

Section 12: Ecological information

None

Section 13: Disposal Consideration

13.1 Waste treatment methods Waste from residues / unused products:

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

Empty packaging Recommendation:

Dispose of observing national or local regulations.

Suitable cleaning agents: Water, if necessary, with cleaning agent.

Section 14: Transport information

Land transport, Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

14.1 UN number: Non-dangerous goods

14.2 UN proper shipping name: Non-dangerous goods

14.3 Transport hazard class(es): Non-dangerous goods

14.4 Packing group: Non-dangerous goods

14.5 Environmental hazards: Non-dangerous goods

14.6 Special precautions for user: Non-dangerous goods

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: Non-dangerous goods

Section 15: Regulatory information

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

Section 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

Full text of the H and EUH phrases mentioned in section 3:

- H302 - Harmful if swallowed.
- H319 - Causes serious eye irritation.
- H335 - May cause respiratory irritation.
- H400 - Very toxic to aquatic life.
- H410 - Very toxic to aquatic life with long lasting effects.
- EUH031 - Contact with acids liberates toxic gas.

Abbreviations and Acronyms

- DNEL - Derived No Effect Limit
- PNEC - Predicted No Effect Concentration
- ATE - Acute Toxicity Estimate
- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- LD50 - Lethal Dose, 50% / Median Lethal dose
- STOT-RE - Specific target organ toxicity (repeated exposure)
- STOT-SE - Specific target organ toxicity (single exposure)
- EC No. - European Community Number

Approved by بلدية دبي DUBAI MUNICIPALITY