K51 Machine Dishwashing Liquid

MATERIAL SAFETY DATA SHEET

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

Section 1: Chemical & Product Identification

1.1 Product Identifier

Product name	K51 Machine Dishwashing Liquid
Application	K51 Machine Dishwashing Liquid is a concentrated heavy-duty alkaline liquid detergent which is suitable for use in a wide range of dish and ware-washing as well as glass-washing machines using M-Teknologi Auto dispensing equipment. The concentrated, high-alkaline formula strips away heavy grease, protein and starch food soils that ordinary detergents can miss and is effective in light, medium and heavy soil conditions. It also contains special water conditioning agents to help reduce spotting and streaking.

1.2 Details of Supplier and Manufacturer:

Supplier details:	Synergystica Trading LLC
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	Dishwashing Liquid for Machine dishwasher.
Main Ingredients	Water, Isopropyl Alcohol, Potassium Hydroxide, Tri Potassium Polyphosphate, Sodium Xylene sulfonate, Sodium Meta silicate, EDTA sodium salt, D & C colorants, Perfume, Ethoxylated Alcohol.

Section 3: Hazards Identification

Please see section 11 and 12.

Section 4: First Aid Measure

Skin contact	Flush area with large amounts of water. Get medical attention if irritation persists.
Eye contact	Flush Eyes with large amounts of water for 15 Mins. Get medical attention if irritation persists.
Ingestion	Drink 1- 2 glasses of water. Get Medical attention.
Inhalation	None

Section 5: Fire Fighting Measure

Flash Point (Method)	>110 deg C
Extinguishing	Water spray, all-purpose dry chemical. CO2
Special Firefighting Procedures	No special safety equipment required as the product itself creates foam with water.

Section 6: Accidental Release Measure

Cover with Inert absorbent material and remove to disposal container. Spill area may be slippery.
Flesh with Plenty of water.

Section 7: Handling & Storage

Handling	Avoid contact with eyes and skin.

Storage	Store in tightly closed container in a cool, dry, well-ventilated area Exposure Controls / Personal Protection.
Protective clothing	The use of safety goggles and protective gloves is recommended.

Section 8: Exposure controls / Personal Protection

Personal protection	None
Respiratory protection	Not required
Hand protection	Gloves are recommended.
Eye protection	Goggles are required during refilling

Section 9: Physical and Chemical Properties

Appearance	Clear green viscous liquid.
Odour	None
PH-value	9.0 to 9,5
Melting point/melting range	Not determined.
Boiling point/boiling range	100°C
Specific Gravity	1.03 +/- 0.01
Explosive properties	None expected.
Density (28°C)	Not determined.
Solubility in/miscibility with water	80%
Viscosity (28°C)	400 -600 cp

Section 10: Stability and Reactivity

General	This product is stable. hazardous Polymerisation will not occur.
Incompatible Material	Not known
Hazardous decomposition product:	Not known

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

Any disposal Practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agency for specific rules) Do not dump into sewers, any body of water onto the ground.

Section 14: Transport information

None

Section 15: Regulatory information

None

Section 16: Other information

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Approved by بلدية دبي DUBAI MUNICIPALITY