

## HEALTH AND SAFETY DATA SHEET

1.) **PRODUCT NAME** - DK2100 Machine Dishwash Liquid

### 2.) **COMPOSITION/INFORMATION INGREDIENTS**

Name	Conc.Range%	Symbol	R-Phases
Sodium Hydroxide	>2.5%>25	C	Causes Severe Burns

### 3.) **HAZARD IDENTIFICATION**

Contains Sodium Hydroxide and is corrosive. Causes severe burns. Contact with Zinc, Tin, and any alloys that contain these metals causes the formation of Hydrogen gas.

### 4.) **FIRST AID MEASURES**

Inhalation - Remove to fresh air, keep patient warm and restful. Seek medical advice.

Skin Contact - Immediately drench with water, remove contaminated clothing. Seek medical advice.

Eye Contact - Immediately rinse with water for at least 10mins. Obtain medical advice.

Ingestion - Give one pint of water, then one pint of milk. DO NOT INDUCE VOMITING. Seek Medical Advice.

### 5.) **FIRE FIGHTING MEASURES**

Recommended - Alcohol resistant foam, CO2 powder, water spray/mist.

Not to be used - Water Jet

Exposure to decomposition products may be a hazard to health. Avoid acids.

### 6.) **ACCIDENTAL RELEASE MEASURES**

Avoid breathing vapours. Soak up any large spills with non-combustible, absorbent materials.

Wear protective clothing.

### 7.) **HANDLING AND STORAGE**

Avoid skin and eye contact. Avoid inhalation. Smoking eating and drinking should be prohibited in areas of storage and use. Always keep in containers made of the same materials as the supply containers. Store between (5) and (25)c in a dry, well ventilated place, away from direct sunlight.

### 8.) **EXPOSURE CONTROLS**

Wear protective gloves and goggles and provide adequate ventilation.

### 9.) **PHYSICAL AND CHEMICAL PROPERTIES**

Physical State-	Free flowing liquid
Flash Point-	N/A
Viscosity-	N/A
Specific Gravity-	1.21.
Vapour Density-	Heavier than air
Lower Exposure Limits-	None
Solubility in water-	Miscible

### 10.) **STABILITY AND REACTIVITY**

Stable under normal conditions (See Handling and Storage)

### 11.) **TOXICOLOGICAL INFORMATION**

Based on the properties of SODIUM HYDROXIDE ingestion may result in perforation of digestive tract. Eye contact may result in severe burns causing permanent eye damage. Skin contact may result in severe burns.

### 12.) **ECOLOGICAL INFORMATION**

Biodegradable in line with the company's Green Policy, care for the environment has been taken into consideration in formulating this product wherever possible minimising the effects on the environment. This product is readily broken down by biological sewage treatment plants.

### 13.) **DISPOSAL CONSIDERATIONS**

Dispose of according to local regulations

### 14.) **TRANSPORT INFORMATION**

Transport in sealed upright containers. This is a marine pollutant. Shipping name;- SODIUM HYDROXIDE SOLUTION (Corrosive) UN1823 CLASS 8.

### 15.) **REGULATORY INFORMATION**

The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health regulations apply to the use of this product at work.

### 16.) **OTHER INFORMATION**

The responsibility to ensure safe working conditions within the workplace remains with the user. The health hazard and general information contained within this material safety data sheet are given as a guide to the precautions required to maintain a safe working environment. The company shall not be held responsible for any loss or damage caused through any misuse of its products.