

## 1) IDENTIFICATION OF HAZARDOUS CHEMICALS AND SUPPLIER

### Product Information

Product Name : MK RINSE CARE  
 Chemical Formula : COMPOUNDED PRODUCT  
 Chemical Family : NA  
 Uses : LIQUID DETERGENT FOR AUTOMATIC  
 DISH WASHER  
 Supplier Name : MARCKEM SDN BHD  
 Supplier Address : NO. 43, JALAN 3/62B  
 BANDAR MANJALARA KEPONG  
 52200 KUALA LUMPUR  
 Supplier Contact : 03- 62773568  
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## 2) HAZARDS IDENTIFICATION



### WARNING

1. Proposed Classification : IRRITANT  
 2. Most Important Hazards : IRRITANT TO EYES AND SKIN  
 HARMFUL IF SWALLOWED

## 3) COMPOSITION AND INFORMATION INGREDIENTS OF HAZARDOUS CHEMICAL

CHEMICAL NAME	CAS NO.	PROPORTION %
POLYPROPYOXYLATED SURFACTANT	68920-64-4	10-20
SODIUM ACRYLATE	744-81-3	1-5
ETHANOL	64-17-5	5-10

#### 4) FIRST AID MEASURES

- Eye Contact : FLUSH WITH LARGE QUANTITY OF WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
- Skin Contact : WASH THE AFFECTED AREA WITH LARGE AMOUNTS OF WATER. IF ANY IRRITATION OF DISCOMFORT PERSISTS, SEEK MEDICAL ATTENTION.
- Inhalation : NOT APPLICABLE - PRODUCT IS NON VOLATILE
- Ingestion : WASH MOUTH THOROUGHLY WITH WATER, ENSURING MOUTH WASH IS NOT SWALLOWED. DO NOT INDUCE VOMITTING, IF CONSCIOUS, GIVE PLENTY OF MILK OR WATER. SEEK MEDICAL ATTENTION

#### 5) FIRE FIGHTING MEASURES

- Product : NOT CONSIDERED AS FLAMMABLE
- Flash Point : NOT DETERMINED ( AQUEOUS SYSTEM )
- Autoignition Temperature : NOT DETERMINED ( AQUEOUS SYSTEM )
- Flammable Limit (%) : NOT DETERMINED ( AQUEOUS SYSTEM )
- Explosion Properties : NOT DETERMINED ( AQUEOUS SYSTEM )
- Extinguishing Media : NA
- Fire Fighting Instruction : WEAR FULL PROTECTIVE CLOTH & SELF CONTAINED BREATHING APPARATUS
- Explosion Hazard in Presence of Various Chemical : NONE

#### 6) ACCIDENTAL RELEASE MEASURE

- Small Leak or Spill : DISCHARGE INTO SEWERS OR STREAMS USING LARGE AMOUNT OF WATER
- Large Spill : COLLECT WELL AWAY FROM ACIDS AND PROTECT FROM EXTREMES OF TEMPERATURE

## 7) HANDLING AND STORAGE

Handling : AVOID DIRECT CONTACT WITH EYES. ALWAYS FOLLOW INDUSTRIAL SAFETY PRACTICES.

Storage : STORE WELL AWAY FROM ACIDS AND PROTECT FROM EXTREMES OF TEMPERATURE

## 8) EXPOSURE CONTROL AND PERSONAL PROTECTION

a) Exposure Limit : NONE ESTABLISHED

b) Personal Protection

Eye/Skin Protection : PROTECTION CLOTHING, GLOVES, AND GOGGLES SHOULD BE WORN IF PROLONGED CONTACT OR USE IS ANTICIPATED

Respiratory Protector : NONE REQUIRED IN NORMAL USE.

c) Ventilation : NO SPECIAL REQUIREMENTS

## 9) PHYSICAL AND CHEMICAL PROPERTIES

Appearance : LIGHT BLUE  
Odour : ODORLESS  
Solubility : COMPLETE  
Boiling Point : ~100c  
Melting Point : NA  
Vapour Pressure ( mm of Hg at 25c ) : NA  
Percent Volatiles : NA  
Evaporation Rate : NA  
Specific Gravity ( 26c ) : NA  
Other Properties if Applicable : pH 7.5

## 10) STABILITY AND REACTIVITY

Conditions To Avoid	:	DO NOT MIX WITH OTHER CHEMICAL
Incompatibles	:	DO NOT MIX WITH ACID
Decomposition Products	:	NA
Hazardous Polymerization	:	NA

## 11) TOXICOLOGICAL INFORMATION

Toxicity Data	:	NO DATA CURRENTLY AVAILABLE
Carcinogenicity	:	NO DATA CURRENTLY AVAILABLE
Reproductive Effect	:	NO DATA CURRENTLY AVAILABLE

Effects of Over Exposure

### Route of Entry

### Effects

Eyes contact	MAY CAUSE SEVERE DAMAGE TO CORNEA
Skin Contact	CAN CAUSE SENSITISATION TO THE SKIN
Inhalation	CAN CAUSE IRRITATION ON NOSE, THROAT AND RESPIRATORY TRACT IN HIGH VAPOUR CONDITION
Ingestion	CAN CAUSE STOMACH DISCOMFORT, NAUSEA AND VOMITING

Chronic Effects	:	NO DATA CURRENTLY AVAILABLE
Target Organs	:	NO DATA CURRENTLY AVAILABLE
Medical Conditions General Aggravated By Exposure	:	NO DATA CURRENTLY AVAILABLE

## 12) ECOLOGICAL INFORMATION

Mobility	:	NO DATA CURRENTLY AVAILABLE
Bioaccumulation	:	NO DATA CURRENTLY AVAILABLE
Biodegradability	:	NO DATA CURRENTLY AVAILABLE
Aquatic Toxicity	:	NO DATA CURRENTLY AVAILABLE

**13) DISPOSAL CONSIDERATION**

Dispose in accordance with all applicable national environment laws and regulations

**14) TRANSPORT INFORMATION**

UN no. : NA  
Classification : NA  
Packing Group : NA

NA = NOT APPLICABLE

NDA = NO DATA AVAILABLE

**15) REGULATORY INFORMATION**

Kindly refer to local regulatory which applicable.

**16) OTHER INFORMATION**

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of Marckem Sdn Bhd knowledge, information and belief accurate as the data indicated.

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