

## 1) IDENTIFICATION OF HAZARDOUS CHEMICALS AND SUPPLIER

### Product Information

Product Name : MK BUFFING SOLUTION  
 Chemical Formula : COMPOUNDED PRODUCT  
 Chemical Family : NA  
 Uses : FLOOR POLISH  
 Supplier Name : MARCKEM SDN BHD  
 Supplier Address : NO. 43, JALAN 3/62B  
 BANDAR MANJALARA KEPONG  
 52200 KUALA LUMPUR  
 Supplier Contact : 03- 62773568  
 Email Address : marckemsdnbhd@gmail.com

## 2) HAZARDS IDENTIFICATION



### WARNING

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

## 3) COMPOSITION AND INFORMATION INGREDIENTS OF HAZARDOUS CHEMICAL

CHEMICAL NAME	Styrene-Acrylic Terpolymer Emulsion	2-Methoxymethylethoxy
CAS NO	NDA	NDA
PROPORTION	45-50%	4-6%
EXPOSURE LIMIT	NDA	NDA
TOXICOLOGICAL	NDA	NDA

#### 4) FIRST AID MEASURES

Eye Contact	:	WASH THE AFFECTED AREA WITH LARGE AMOUNT OF WATER OR EYEWASH SOLUTION. IF ANY IRRITATION OR DISCOMFORT PERSISTS, SEEK MEDICAL ATTENTION.
Skin Contact	:	REMOVE CONTAMINATED CLOTHING. WASH THE AFFECTED AREA WITH LARGE AMOUNT OF WATER. IF ANY IRRITATION OR DISCOMFORT, SEEK MEDICAL ATTENTION.
Inhalation	:	REMOVE THE AFFECTED PERSON TO FRESH AIR. IF ANY IRRITATION OR DISCOMFORT PERSISTS, SEEK MEDICAL ATTENTION
Ingestion	:	DO NOT INDUCE VOMITING. THE AFFECTED PERSON MAY BE GIVEN WATER TO DRINK. SEEK IMMEDIATE MEDICAL ATTENTION

#### 5) FIRE FIGHTING MEASURES

Product	:	NOT CONSIDERED AS FLAMMABLE
Flash Point	:	NOT DETERMINED ( AQUEOUS SYSTEM )
Autoignition Temperature	:	NA
Flammable Limit (%)	:	NOT DETERMINED ( AQUEOUS SYSTEM )
Explosion Properties	:	NA
Extinguishing Media	:	WATER/ SPRAY CO2/ DRY CHEMICAL OR UNIVERSAL TYPE FOAMS
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	:	FLUSH AWAY TO DRAIN USING LARGE AMOUNT OF WATER
Large Spill	:	COLLECT SPILLS FOR DISPOSAL. INCINERATE WASTE IN ACCORDANCE WITH REGULATIONS

## 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 : NDA

b) Personal Protection

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

Respiratory Protection : NONE REQUIRED IN NORMAL USE.

c) Ventilation : GENERAL ROOM VENTILATION IS CONSIDERED SUFFICIENT.

## 9) PHYSICAL AND CHEMICAL PROPERTIES

Appearance : MILKY WHITE

Odour : REMINISCENT OF MONOMER

Solubility : COMPLETE

Boiling Point : ~100C

Melting Point : NA

Vapour Pressure ( mm of Hg at 255c ) : NA

Percent Volatiles : 22.0-23.0%

Evaporation Rate : NA

Specific Gravity ( 26c ) : NA

Other Properties if Applicable : NA

## 10) STABILITY AND REACTIVITY

Conditions To Avoid	:	DO NOT MIX WITH OTHER CHEMICAL
Incompatibles	:	ACIDS
Decomposition Products	:	BURNING MAY PRODUCE CO, CO <sub>2</sub>
Hazardous Polymerization	:	WILL NOT OCCUR

## 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	CAN CAUSE SEVERE DAMAGE TO CORNEA
Skin Contact	MAY CAUSE SENSATION TO THE SKIN
Inhalation	CAN CAUSE IRRITATION OF NOSE
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	:	MISCIBLE WITH WATER
Bioaccumulation	:	NDA
Biodegradability	:	EASILY BIODEGRADED
Aquatic Toxicity	:	HARMFUL TO AQUATIC ORGANISMS

## 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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