

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** : MK LEMON DISH WASHING LIQUID  
**Chemical Formula** : Compounded product  
**Chemical Family** : NA  
**Uses** : Dish washing detergent  
**Supplier** : Marckem Sdn Bhd  
**Address** : No.43, Jalan 3/62B, Bandar Menjalara Kepong, 52200  
Kuala Lumpur  
**Contact** : 03-62773568  
**Email** : kl\_inquiry@marckem.com

### SECTION 2. HAZARDS IDENTIFICATION



**Hazard Pictograms** :  
**Signal Word** : Warning  
**Hazard Classifications** : Eye irritation – Category 2  
**Hazard Statements** : H319: Causes serious eye irritation.  
**Precautionary Statements: Prevention**  
: P102: Keep out of reach of children.  
: P264: Wash hands thoroughly after handling.  
: P280: Wear protective gloves/protective clothing/eye protection/face protection  
**: Response**  
: P301+P330+P331: IF SWALLOWED: rinse mouth, do not induce vomiting.  
: P302+P352: IF ON SKIN: wash with soap and water.  
: P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

### SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

<b>Chemical Name</b>	Sodium Alkyl Ether Sulphate
<b>CAS No.</b>	3088-31-1
<b>Proportion</b>	<10.0%
<b>Exposure Limit</b>	None Established
<b>Toxicological</b>	LD50/oral/rat:200mg/kg

### SECTION 4. FIRST AID MEASURES

**Eye Contact** : Wash the eyes with large amount of water. If any irritation or discomfort persists, seek medical attention.

**Skin Contact** : In the unlikely event that prolonged contact with the skin produces irritation or discomfort, apply a soothing cream or lotion.

**Inhalation** : No emergency care anticipated.

**Ingestion** : Do not induce vomiting. The affected person may be given water to drink. Seek immediate medical attention.

### SECTION 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** : Dry chemical, water fog or alcohol foam.

**Fire Fighting Instruction** : Wear full protective cloth and self-contained breathing apparatus.

**Explosion Hazard in** : None

**Presence of Various Chemical**

### SECTION 6. ACCIDENTAL RELEASE MEASURE

**Small Leak or Spill** : Flush away to drain using large amount of water.

**Large Spill** : Collect spills for disposal. Wear protective equipment.

### SECTION 7. HANDLING AND STORAGE

**Handling** : Avoid direct contact with eyes. Always follow industrial safety practices.

**Storage** : Store in cool, dry place. Keep container closed and away from acidic products.

### SECTION 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

a) **Exposure Limit** : NA

b) **Personal Protection** : None required in normal use.  
**Eye/Skin Protection**

**Respiratory Protection** : None required in normal use.

c) **Ventilation** : General room ventilation is considered sufficient.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : Dark green

**Odour** : Lemon

**Solubility** : Complete

**Boiling Point** : ~100c

**Melting Point** : NA

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

**Percent Volatiles** : >85%

**Evaporation Rate** : NA

**Specific Gravity (26c)** : ~1.12

**Other Properties if Applicable** : pH 7.0-8.0

### SECTION 10. STABILITY AND REACTIVITY

<b>Conditions to Avoid</b>	: Do not mix with other chemicals.
<b>Incompatible</b>	: None
<b>Decomposition Products</b>	: Burning may produce carbon monoxide and CO <sup>2</sup> , sulphur dioxide, and sulphuric acid.
<b>Hazardous Polymerization</b>	: Will not occur.

### SECTION 11. TOXICOLOGICAL INFORMATION

<b>Toxicity Data</b>	: No data currently available
<b>Carcinogenicity</b>	: No data currently available
<b>Reproductive Effect</b>	: No data currently available
<b>Effects of Over Exposure</b>	:
<b><u>Route of Entry</u></b>	<b><u>Effects</u></b>
<b>Eyes Contact</b>	: Can cause irritation and redness to eyes.
<b>Skin Contact</b>	: Can cause sensitisation to the skin.
<b>Inhalation</b>	: Can cause irritation of nose.
<b>Ingestion</b>	: Can cause stomach discomfort, nausea, and vomiting.
<b>Chronic Effects</b>	: No data currently available
<b>Target Organs</b>	: No data currently available
<b>Medical Conditions</b>	: No data currently available
<b>General Aggravated by Exposure</b>	

### SECTION 12. ECOLOGICAL INFORMATION

<b>Mobility</b>	: Miscible with water.
<b>Bioaccumulation</b>	: Low bioconcentration factor.
<b>Biodegradability</b>	: Easily biodegraded.
<b>Aquatic Toxicity</b>	: Harmful to aquatic organisms in high concentration.

### SECTION 13. DISPOSAL CONSIDERATION

Dispose in accordance with all applicable national environment laws and regulations.

### SECTION 14. TRANSPORT INFORMATION

**UN No.** : NA

**Classification** : NA

**Packing Group** : NA

NA = Not Applicable

NDA = No Data Available

### SECTION 15. REGULATORY INFORMATION

Kindly refer to local regulatory which applicable.

### SECTION 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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