

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name** : MK PERFUME DEODORIZER SOFIA  
**Chemical Formula** : Compounded product  
**Chemical Family** : NA  
**Uses** : Disinfectant liquid air freshener  
**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** : Skin irritation – Category 2  
: Eye irritation – Category 2  
**Hazard Statements** : H315: Causes skin irritation.  
: 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>	Alkyl Dimethyl Benzyl Ammonium Chloride
<b>CAS No.</b>	68391-01-5
<b>Proportion</b>	<1.0%
<b>Exposure Limit</b>	PEL:400ppm
<b>Toxicological</b>	LD50/oral/rat: ~570mg/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** : Wash the affected area with large amount of water. If any irritation or discomfort persists, 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.

**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:

<b>Chemical Name</b>	Alkyl Dimethyl Benzyl Ammonium Chloride
<b>CAS No.</b>	68391-01-5
<b>Standard</b>	PEL:400ppm
<b>Reference</b>	OSHA

**b) Personal Protection** : Protective 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.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	: Pink
<b>Odour</b>	: Floral
<b>Solubility</b>	: Complete
<b>Boiling Point</b>	: ~100c
<b>Melting Point</b>	: NA
<b>Vapour Pressure (mm of Hg at 255c)</b>	: NA
<b>Percent Volatiles</b>	: >90%
<b>Evaporation Rate</b>	: NA
<b>Specific Gravity (26c)</b>	: ~1.0
<b>Other Properties if Applicable</b>	: pH 5.0-7.0

**SECTION 10. STABILITY AND REACTIVITY**

<b>Conditions to Avoid</b>	: Do not mix with other chemicals.
<b>Incompatible</b>	: Anionic Surfactant
<b>Decomposition Products</b>	: Burning may produce carbon monoxide and CO <sup>2</sup> .
<b>Hazardous Polymerization</b>	: Will not occur.

**SECTION 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 irritation and redness to eyes.

**Skin Contact** : Can cause sensitisation to the skin.

**Inhalation** : Can cause dizziness.

**Ingestion** : Can cause stomach discomfort, nausea, and vomiting.

**Chronic Effects** : No data currently available

**Target Organs** : No data currently available

**Medical Conditions** : No data currently available

**General Aggravated by Exposure**

**SECTION 12. ECOLOGICAL INFORMATION**

**Mobility** : Miscible with water.

**Bioaccumulation** : No data currently available.

**Biodegradability** : Easily biodegraded.

**Aquatic Toxicity** : 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.

The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.