

## MATERIAL SAFETY DATA SHEET

### Section 1: Identification

Product Name	Liquid Dishwash
Commercial Description	Mixtures of surfactants in aqueous solution
Manufacturer	Elite Hygiene (M) Sdn Bhd 11-3, PJ21, Jalan SS3/39, 47300 Petaling Jaya, Selangor, Malaysia. Tel : +603-7865 8181 Fax : +603-7865 8181

### Section 2: Hazard(s) Identification

#### Human Health Hazards

- |                 |  |
|-----------------|--|
| a) Inhalation   | Not applicable                             |
| b) Skin Contact | May irritate skin of sensitive individuals |
| c) Eye Contact  | May cause irritation                       |
| d) Ingestion    | Not for ingestion                          |

Risk phrases	R:38 Irritating to eyes
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Safety phrases	S:25 Avoid contact with eyes
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### Section 3: Composition/Info on Ingredients

Product Name: Liquid Dishwash

Ingredients: Aqua, Linear Alkyl Benzene Sulphonate, Sodium Lauryl Ether Sulfate, Cocamidopropyl betaine, Sodium hydroxide, Fragrance, Formaldehyde, CI 19140

### Section 4: First-aid Measures

Inhalation	Not applicable.
Skin contact	If irritation occurs, flush skin with plenty of water and discontinue use.
Eye Contact	Flush with water for 15 minutes and get prompt medical attention if irritation persists.
Ingestion	Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

### Section 5: Fire Fighting Measures

Extinguisher Media	Dry chemicals, Water spray, Foam, Carbon Dioxide
Fire Fighting Instruction	Caution- use of water will create slippery
Risk of violent reaction or explosion	No
Products of combustion	Water vapour, oxides of carbon, oxides of sulphur, oxides of nitrogen
Protective Equipment	Breathing apparatus and protective gloves for fire only.

### Section 6: Accidental Release Measures

For large spills	Contain spillage using sand or earth. Transfer liquid and solids to suitable container. Treat residues as small spillage.
For small spills	If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to suitable container and arrange removal by disposal company. Wash site of spillage thoroughly with water and detergent.

### Section 7: Handling & Storage

Handling	Avoid contact with eyes. Keep away from oxidizing agents.
Storage	Store in a cool, well ventilated place, out of reach of children. Large quantities should be stored in a bunded area. Store in original container. Keep container tightly closed and out of direct sunlight. Keep away from oxidizing agents. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.
Incompatibles	Oxidising agents.

### Section 8: Exposure Controls & Personal Protection

Engineering Measures	Not applicable
Occupational Exposure	No limit has been established.  Avoid contact with eyes. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:
Personal Protection	Eye/face protection, gloves: rubber or plastic
Normal use <i>Industrial quantities</i>	Face shield or safety glasses, gloves: rubber or plastic, plastic apron, sleeves and boots Impervious overalls.

### Section 9: Physical & Chemical Properties

Appearance	Green
Odour	With fragrance
pH	About neutral
Solubility	Miscible with water (20°C)
Melting point	No data.
Boiling point	> 100°C
Volatiles	About 80% [water]
Volatile Organic Compounds (VOC)	< 1%
Flammable limits	None

Explosive limit	Not applicable
Evaporation rate	No data
Specific gravity/Density @ 25°C	About 1 g/mL

<b>Section 10: Stability &amp; Reactivity</b>	
Chemical Stability	Stable under normal conditions
Condition to Avoid	Avoid contact with strong oxidizing agents.
Incompatibles	Strong oxidizing agents
Decomposition Products	Oxides of sulphur, oxides of nitrogen
Hazardous Reactions	None known

<b>Section 11: Toxicology Information</b>	
Routes of Entry	Eye/skin contact, Inhalation, Ingestion.
<i>Acute</i>	
Ingestion	Likely to cause gastric upset, nausea, discomfort or pain, vomiting and diarrhea. An aspiration risk.
Skin	Will have a degreasing effect on the skin. Prolonged contact may cause mild irritation.
Eyes	Irritating to eyes. Splashes of the concentrate into the eyes may cause redness, irritation and pain.
Inhalation	An unlikely route owing to the low volatility of ingredients. Aspiration of froth into the lungs during swallowing or vomiting may lead to chemical pneumonitis (irritation of lung tissues) and pulmonary oedema (fluid build-up in the lungs). Onset of symptoms may be delayed.
<i>Chronic</i>	
Reproductive toxicity	Not harmful
Toxicity to Animals	LD <sub>50</sub> : Not available. LC <sub>50</sub> : Not available.
Carcinogenicity	Not available
Chronic	Repeated skin contact with the concentrate may lead to dry skin, irritation and dermatitis effects.

<b>Section 12: Ecological Information</b>	
Persistence and degradability	The surfactants used in this product are considered to be readily biodegradable.
Aquatic toxicity	Not available.
Bioaccumulative potential	Not available.
Other adverse effect	Not available.

<b>Section 13: Disposal Considerations</b>	
Method of Disposal	Avoid disposal to natural waters or the environment. Disposal is to be performed in accordance with all applicable National environmental laws and regulations.

<b>Section 14: Transport Information</b>	
UN Number	None
UN Proper Shipping Name	None
Class and Subsidiary Risk	None assigned
Packaging Group	None
Special precautions for user	Contain spillages
Material for export	Not regulated

<b>Section 15: Regulatory Information</b>	
Dangerous Goods	No.
Carcinogen	No.
Other National/International Regulations	No data found.

<b>Section 16: Other Information</b>	
Other Special Considerations	Not available.
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