

**MATERIAL SAFETY DATA SHEET**

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Revised edition no : 01

**P-135 FLOOR WAX**

Effective Date: 18-6-2014

**1 Identification of the Product and the company**

Chemical Name : Floor Wax  
Type of product chemical family : N/A  
Use : Wax the floor  
Producer : TLC-KOYA CHEMICALS MANUFACTURING SDN BHD  
No.22 & 23, Jalan Maju 1,  
Cemerlang Industrial Estate,  
81800 Ulu Tiram, Johor, Malaysia.  
Tel: 607-8675798 Fax: 607-8675799  
Website: www.koyachemicals.com Email: admin@koyachemicals.com

Emergency phone nr : See producer

**2 Hazard Identification**

Health hazardous : Swallowing  
- No evidence of harmful effects from available information.

Skin Absorption  
- No evidence of harmful effects from available information.

**3 Composition / Information on Ingredients**

Materials : Styrene & ester of acrylate stabilized in aqueous waxes.  
TLV : Not applicable.  
Hazard : None currently known.

**4 First Aid Measures**

Acute effects of over exposure:

- Swallowing : None, May cause some nausea
- Skin Absorption : None currently known.
- Inhalation : None currently known.
- Skin Contact : May cause transient redness.
- Eye Contact : None currently known.
- Chronic Effects : None currently known.

## Emergency and first aid procedures:

- Swallowing : No harmful effects expected.
- Skin : Wash thoroughly with soap and water.
- Inhalation : No emergency care anticipated
- Eyes : Flush with water for 15 minutes.

**5 Fire-Fighting Measures**

Flash point : Not applicable aqueous system.  
Flammable limits in air : Not applicable aqueous system.  
Extinguishing media : The water-based product will not burn until water has evaporated. For residual solids, use water spray, carbon dioxide, dry chemical or universal, type foam.

Special fire fighting procedure : None.  
Unusual fire & explosion hazard : None.

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### 6 Accidental Release Measures

- Steps to be taken if material is spilled or released : Major spills should be collected for disposal minor spills may be flushed with water.
- Waste disposal method : Bury in suitable land fill where permitted under local government regulation.

### 7 Handling and Storage

- Handling : Good industrial and personal hygiene practice should be followed. No eating and drinking in the workplace. Ensure adequate ventilation.
- Storage : Storage temperature : > +4°C  
Protect from frost and direct sunlight.  
Drum and bottles ; material is plastic or steel.  
Bulk tanks : stainless steel, plastic coated materials... Clean bulk tanks periodically to prevent accumulation of bacteria.
- Specific use : Use the best available methods of handling our Products whereby the employees enjoy maximum safety and whereby the environment is minimally affected.

### 8 Exposure Controls / Personal Protection

- Exposure limit values : No danger in normal ambient conditions.  
There are no specific limiting values for professional exposure.  
There are no biological limiting values.  
User should determine the conditions for safe use of the product. Cfr. Section 7 "Handling and Storage".
- Exposure controls:
- Occupational exposure controls : Respiratory protection : not applicable.  
Hand protection : waterproof PVC-gloves (CE).  
Eye protection : goggles or safety glasses (CE)  
Skin protection : N/A  
Avoid repeated skin contact.
  - Environmental exposure controls : The product must not be discharge directly into drains or waterways without treatment.
- Respiratory protection : Not required
- Ventilation : General (mechanical) room ventilation is expected to be satisfactory
- Protective gloves : Recommended
- Eye protection : Safety glasses or monogoggles recommended.
- Other protective equipment : Eye bath, safety shower.

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### 9 Physical and Chemical Properties

Boiling point (760 mm Hg)	: 100 degree centigrade
Freezing point	: Below 0 degree celtigrade
Specific gravity	: 1.01
Vapor pressure at 20 degree centigrade	: 17.5 mm Hg
Vapor density (Air=1)	: 1.0 (water)
Solubility in water	: 100%
Percent volatile	: 76% , by weight
Evaporation rate (Butyl Acetate=1)	: 1
Appearance and odor	: Milky white liquid, characteristic mild odor
Residual polymer odor	: None

### 10 Stability and Reactivity

Stability	: Stable
Hazardous combustion or decomposition products	: When water evaporates, polymer can burn and produce carbon dioxide and monoxide.
Hazardous polymerization	: Will not occur

### 11 Toxicological Information

On product	: Low toxicity is indicated by available data. Under normal industrial conditions, there is no indication that the product can be considered as a health risk. Skin contact should be avoided to prevent possible long-term or short-term sensitiation.
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### 12 Ecological Information

Ecotoxicity	: The Product is soluble with water and as such could cover considerable distances if spilled into waterways. Even a small spillage will whiten the appearance of water. Water for sewage treatment, that has been contaminated. with small quantities of the Product, will not affect the biomass. High concentrations may be harmful to fish and micro organisms.
Mobility	: Not established.
Persistence and degradability	: There is only a slow environmental degradation of the Product.
Bioaccumulative potential	: There is seemingly no tendency for bioaccumulation.
Other adverse effects	: Unknown.

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### 13 Disposal Considerations

- The following advice only applies to the product as supplied.
- Combination with other materials may well indicate another route of disposal. If in doubt, contact local TLC-KOYA CHEMICALS MANUFACTURING SDN BHD or local authorities.
- Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor.
- Care should in any case be taken to ensure compliance with national and local regulations.
- This product is not suitable for disposal by either landfill or via municipal sewers, drains, and natural streams, rivers or seas, they will effect the relationship between living things, plants and their environment.

### 14 Transport Information

General information : This Product is not regulated for road/rail & sea transport.

### 15 Regulatory Information

Classification and labeling : Classification / symbol - not regulated.  
Governing directive : Occupational Safety and Health (Classification, Packaging and Labeling of Hazardous Chemicals) Regulations 1997.  
Safety advice : May contain information in excess of requirements under applicable laws.  
S23 Do not breathe gas/fumes/vapor/spray  
S24 Avoid contact with skin  
S33 Take precautionary measures against static discharges  
S62 If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.

### 16 Other information

Further information : None  
Print date : 18-6-2014

N/A - Not Applicable      N/D - Not Determined

All recommendations for the use of our products, whether given by us in writing, orally, or to be implied from data or test results obtained by us, are based on the current state of our knowledge at the time such recommendations are made. When additional information is obtained, these recommendations may be updated. They may also be influenced by circumstances outside our control. Notwithstanding such recommendations, the user is responsible to determine that the product as supplied by us, is suitable for the process or purpose he intends to use it. The user of the product is solely for compliance with all laws and regulation applying to the use of the product. Since we cannot control the application, use or processing of the products, we do not accept responsibility therefore. The user shall ensure that the intended use of the products will not infringe in any party's intellectual property rights.

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