

**MATERIAL SAFETY DATA SHEET**

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Revised edition no : 01

P-546 WAX STRIPPER

Effective Date: 1-7-2014

1 Identification of the Product and the company

Chemical Name : Wax Stripper
Type of product chemical family : Alkaline Cleaner
Use : N/A
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

Primary Route(s) of Exposure : Inhalation
Threshold Limit Value : N/D for mixture. See section II for TLV of Hazardous Ingredients.
Effects of Overexposure : Acute
By Skin Contact : Irritation upon contact with skin.
By Eye Contact : Irritation when contact with eyes.
By Inhalation : When solutions of this product are swallowed, it can cause irritation to the mouth, esophagus and stomach.
By Ingestion : Amount ingested incidental to industrial handling are not likely to cause injury, however, ingestion of large amounts may cause injury.
Chronic : Not known

3 Composition / Information on Ingredients

Potassium Hydroxide : 20 - 25%

4 First Aid Measures

For Eye Contact : Flush with cool running water, lifting the upper and lower eyelids occasionally until discomfort is relieved.
For Skin Contact : Not expected to present a significant skin hazard under anticipated condition of normal use.
For Ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.
For Inhalation : Treatment base on judgment of physician in response to reaction of patient.

5 Fire-Fighting Measures

Flash Point (Tag Closed Tester) : N/A
Extinguishing Media : These products will not burn or support combustion.
Special Fire Fighting Procedures : Self-contained breathing apparatus are recommended for fire fighters.
Unusual Fire and Explosion Hazards : None.



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6 Accidental Release Measures

Small spill	: Flush area with water to an industrial sewer line.
Large spill	: Contain spill with dikes of absorbant materials such as clay, and of vermiculate.
Personal protection	- Wear PVC-gloves and goggles to contain spillage. Avoid repeated skin contact.
Environment precautions	- Prevent the product contaminating soil and groundwater. Prevent the product entring sewers and waterways. Cfr. Section 12.
Cleaning / recovery	- Large spillages : contain and pump into containers. - Small spillages : absorb on sand, earth...and collect into containers for disposal. Disposal should always comply with local, national or EEC regulations. Cfr. Section 13.

7 Handling and Storage

Handling	: Good industrial and personal hygoiene practice should ne followed. No eating and drinking in the workplace. Ensure adequate ventilation.
Storage	: Storge temperature : between +5 and +40°C. Protect from frost and direct sunlight. Drum and bottles : material is plastic or steel. Bulk tank ; stainless steel, plasticcoated materials...Clean bulk tanks periodically to prevent accumulation of bacteria.
Specific use	: Use the best available methods of handling our Product 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".
Primary Route(s) of Exposure	: Inhalation
Threshold Limit Value	: N/D for mixture. See section II for TLV of Hazardous Ingredients.
Effects of Overexposure	: Acute
By Skin Contact	: Corrosive to skin! Handle with special care, wear chemical resistant glove, goggle while handling.
By Eye Contact	: This product cannot contact wit heyes. If accidentally contact, wash thoroughly with water and consult physician immediately.
By Ingestion	: This product are swallowed, it will cause severs chemical burns of the mocus membranes in the mouth esophagus stomach and intestinal tract.
By Inhalation	: Fumes from this product can cause irritation of the nose, nasal passages and lungs.
Chronic	: Not known.

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9 Physical and Chemical Properties

Boiling point (°F)	: 215
Vapor Pressure (mm hg)	: N/A
Vapor Density (Air=1)	: >1
PH of concentrate	: more than 14
Appearance and odor	: Clear light yellow liquid.
Solubility in water	: Complete soluble in water.
Specific Gravity (H2O=1)	: 1.3
Percent Volatile by Weight	: >1
Evaporation Rate (Water=1)	: >1

10 Stability and Reactivity

Stability	: Stable
Condition to avoid	: Heat, Flames, Sparks and Ignition sources.
Incompatibility (materials to avoid)	: Strong oxidizin and reducing agent.
Hazardous Decomposition Products	: Acid smoke. Organic compounds on combustion. Carbon monoxide and carbon dioxide on combustion.
Hazardous Polymerization	: N/D

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 insoluble with water and as such could cover not 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 micro organisms.
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 : 1-7-2014

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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