



SAFETY DATA SHEET

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Revised edition no : 01

P-600 THINNER

Effective Date: 4.5.2024

1 Identification of the Product and the company

Chemical Name : THINNER
Type of product chemical family : 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 E-mail: admin@koyachemicals.com

Emergency phone no. : See producer
UN NUMBER : UN 1263 / IMO 3

2 Hazard Identification



SIGNAL WORD: DANGER

| | |
|--|------------|
| Flammable liquids | Category 3 |
| Acute toxicity-oral | Category 3 |
| Acute toxicity -dermal | Category 3 |
| Acute toxicity-inhalation | Category 3 |
| Skin irritation | Category 2 |
| Eye irritation | Category 2 |
| Reproductive toxicity | Category 2 |
| Specific Target organ Toxicity - single exposure (Central nervous system, visual system) | Category 1 |
| Specific Target organ Toxicity - single exposure (Narcotic effects) | Category 3 |
| Specific Target organ Toxicity - repeated exposure | Category 2 |

HAZARD STATEMENT

H226 Flammable liquid and vapour
H301 Toxic if swallowed
H311 Toxic if in contact with skin
H331 Toxic if inhaled
H315 Causes skin irritation
H319 Causes serious eye irritation
H336: May cause drowsiness and dizziness (narcotic effects)
H361: Suspected of damaging fertility or the unborn child.
H370: Causes damage to organs
H373: May cause damage to organs through prolonged or repeated exposure.

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PRECAUTIONARY STATEMENT

| | |
|--------------------|--|
| P201 | Obtain special instructions before use. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P210 | Keep away from heat/sparks/open flames/hot surfaces – No smoking. |
| P233 | Keep container tightly closed. |
| P240 | Ground/bond container and receiving equipment. |
| P241 | Use explosion-proof electrical/ventilating/lighting/.../equipment. |
| P242 | Use only non-sparking tools. |
| P243 | Take precautionary measures against static discharge. |
| P260 | Do not breathe dust / fume / gas / mist / vapours / spray. |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P264 | Wash thoroughly after handling. |
| P270 | Do not eat, drink, or smoke when using this product. |
| P271 | Use only outdoors or in a wellventilated area. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P281 | Use personal protective equipment as required. |
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell. |
| P314 | Get medical advice / attention if you feel unwell. |
| P321 | Specific treatment reference to supplemental first aid instruction. |
| P322 | Specific measures reference to supplemental first aid instruction. |
| P330 | Rinse mouth. |
| P361 | Remove/Take off immediately all contaminated clothing. |
| P362 | Take off contaminated clothing and wash before reuse. |
| P363 | Wash contaminated clothing before reuse. |
| P301 + P310 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. |
| P302 + P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P303 + P361 + P353 | IF ON SKIN (or hair):Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P304 + P340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P307 + P311 | IF exposed: Call a POISON CENTER or doctor / physician. |
| P308 + P313 | IF exposed or concerned : Get medical advice / attention. |
| P332 + P313 | If skin irritation occurs: Get medical advice/attention |
| P337 + P313 | If eye irritation persists : Get medical advice / attention. |
| P370 + P378 | In case of fire: Use Foam and dry chemical powder, carbon dioxide extinguisher for extinction. |
| P403 + P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P403 + P235 | Store in a well-ventilated place. Keep cool. |
| P405 | Store locked up |
| P501 | Dispose of contents/container in accordance with local/regional/national/international regulation |

3 Composition / Information on Ingredients

| | | |
|-----------------------|---------------------------------|----------|
| Hazardous ingredients | : Methyl Benzene | 30 - 60% |
| | Methyl Alcohol | 30 - 60% |
| | Ethyl Ethanoate | 3 - 5% |
| | Buthyl Ethanoate | 3 - 5% |
| | Ethylene Glycol Monobutyl Ether | 3 - 5% |

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4 First Aid Measures

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

5 Fire-Fighting Measures

| | |
|------------------------------------|--|
| Flash Point (Tag Closed Tester) | : Below 30°C |
| Extinguishing Media | : Foam and dry chemical powder, carbon dioxide, sand or earth may be used for small fire only. |
| Special Fire Fighting Produres | : Self-contained breathing apparatus are recommended for fire fighters. |
| Unusual Fire and Explosion Hazards | : None. |

6 Accidental Release Measures

| | |
|-------------------------|--|
| Presonal 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 entering 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 hygiene practice should be followed. No eating and drinking in the workplace. Ensure adequate ventilation. |
| Storage | : Storage temperature : between +5 and +40°C. Protect from frost and direct sunlight. Drums 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. |

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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.

9 Physical and Chemical Properties

- Flash Point (°C) : Below 30°C
Cu Corrosion : No discoloration
Appearance and odor : Clear liquid and chemical odor.
Solubility in water : Immiscible with and lighter than water.
Specific Gravity (H₂O=1) : 0.80 - 0.85

10 Stability and Reactivity

- Conditions to avoid : Stable under the recommended storage conditions. Cfr. Section 7 "Storage".
Bacterial degradation can occur if the Product is stored for an unusually long period or is stored under unsuitable conditions.
Keep away from spark, do not empty into drain.
- Incompatibility (materials to avoid) : None known.
Hazardous Polymerization : Nil
Materials to avoid : N/D
Hazardous decomposition products : 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 sensitisation.

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12 Ecological Information

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| Ecotoxicity | : The product is soluble with water to certain extent 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. |

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

| | |
|--------------------------|--------------------|
| IMO PROPER SHIPPING NAME | : NORMAL THINNER |
| IMO U.N. CLASS | : 3 |
| IMO U.N. NUMBER | : UN 1263 |
| IMO LABEL | : Flammable Liquid |



15 Regulatory Information

| | |
|-----------------------------|---|
| Classification and labeling | : Classification / symbol - R11, R23,R24,R25,R36,R38 |
| 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. P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/.../equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P260 Do not breathe dust / fume / gas / mist / vapours / spray. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash thoroughly after handling. P270 Do not eat, drink, or smoke when using this product. |

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16 Other information

Further information : None
Print date : 4.5.2024

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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