



# SAFETY DATA SHEET

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Revised edition no : 00

## P-124 TAR REMOVER

Effective Date: 14.6.2021

### 1 Identification of the Product and the company

Chemical Name : Tar Remover  
Use : Cleaning agent  
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 no : See producer

### 2 Hazard Identification

Pictogram :

SIGNAL WORD: WARNING

Flammable liquid

Skin irritation

Serious eye damage or eye irritation

Reproductivity toxicity

Specific target organ toxicity-single exposure

Specific target organ toxicity - repeated exposure



Category 3

Category 2

Category 2

Category 2

Category 3

Category 2

#### HAZARD STATEMENT

H226: Flammable liquid and vapour

H315: Causes skin irritation

H319: Causes serious eye irritation

H335: May cause respiratory irritation (respiratory tract irritation)

H361: Suspected of damaging fertility or the unborn child.

H373: May cause damage to organ through prolonged or repeated exposure

#### Precautionary statement prevention

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.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P281 Use personal protective equipment as required.

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Precautionary statement response

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
P308 + P313	IF exposed or concerned : Get medical advice / attention.
P312	Call a POISON CENTER or doctor/physician if you fell unwell.
P314	Get medical advice / attention if you feel unwell
P321	Specific treatment reference to supplemental first aid instruction.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritaion persists: Get medical advice/attention
P370 + P378	In case of fire: Use Foam and dry chemical powder, carbon dioxide extinguisher for extinction.

Precautionary statement storage

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

Precautionary statement disposal

P501	Dispose of contents/container in accordance with local/regional/national/international regulation
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**3 Composition / Information on Ingredients**

Hazardous ingredients	: ISOPAR H	> 60%
	: ALCOHOL	10 TO <30%
	: TOLUENE	10 TO <30%

**4 First Aid Measures**

Inhalation	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing. Rinse immediately with plenty of water. Use suitable lotion to moisturise skin. Get medical attention if any discomfort continues.
Eye Contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Ingestion	Remove affected person from source of contamination. Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention.

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### 5 Fire-Fighting Measures

Suitable extinguishing media	Use water fog, foam, dry chemical or carbon dioxide (CO <sub>2</sub> ) to extinguish flames.
Inappropriate Extinguishing Media	Straight Streams of Water
<b>FIRE FIGHTING</b>	
Fire Fighting Instructions:	Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.
Unusual Fire Hazards:	Vapors are flammable and heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a flashback fire danger. Hazardous material. Firefighters should consider protective equipment indicated in Section 8.
Hazardous Combustion Products:	Incomplete combustion products, Oxides of carbon, Smoke, Fume

### 6 Accidental Release measures

Personal protection	- Wear PVC-gloves and goggles to contain spillage. Avoid repeated skin contact.
Environment precautions	Do not discharge into drains or watercourses or onto the ground. To prevent release, place container with damaged side up. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
Cleaning / recovery	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Stop leak if possible without risk. Dike far ahead of larger spills for later disposal. Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush contaminated area with plenty of water. Take care as floors and other surfaces may become slippery. Flush contaminated area with plenty of water. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. Wash thoroughly after dealing with a spillage.

### 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

- Appearance : Clear liquid  
Colour : Brown  
Specific Gravity (H<sub>2</sub>O=1) : 0.775 @ 28.9°C

### 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.
- 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.

### 12 Ecological information

- Ecotoxicity : The product is not expected to be hazardous to the environment. The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms. The product is not expected to be hazardous to wastewater treatment processes. The product does not contain organic complexing agents with a DOC level of degradation of < 80% after 28 days. The product does not contain organically bound halogen.

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Persistence and degradability	The product is biodegradable but it must not be discharged into drains without permission from the authorities.
Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.
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

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. R22 Harmful if swallowed R38 Irritating to skin S2 Keep out of reach of children

### 16 Other information

Further information : None  
Print date : 14.6.2021

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.