



## MATERIAL SAFETY DATA SHEET (MSDS)

**Product:** Treated Distillate Aromatic Extract (TDAE)

**Supplier:** Basekim

### 1. Identification

- Use: Rubber process oil, plasticizer, carrier oil.
- Emergency contact: (to be provided by Basekim).

### 2. Composition / Ingredients

Complex mixture of treated aromatic hydrocarbons; includes solvent-extracted aromatics with reduced PAH/PCA content.

### 3. Hazards Identification

- Prolonged skin contact may cause irritation.
- Heated vapors or mists may irritate eyes and respiratory system.
- Contains aromatic compounds; chronic exposure should be controlled.
- Vapors may ignite under strong heat or open flame.

### 4. First Aid Measures

- Eyes: Rinse with water for at least 15 minutes; seek medical attention if symptoms persist.
- Skin: Wash with soap and water; remove contaminated clothing.
- Inhalation: Move to fresh air; get medical attention if breathing difficulties.
- Ingestion: Do not induce vomiting; seek medical help immediately.

### 5. Firefighting Measures

- Suitable extinguishing media: Foam, dry chemical, CO<sub>2</sub>.
- Avoid water jets which may spread fire.
- Combustion may produce CO, CO<sub>2</sub>, smoke, and irritating vapors.
- Firefighters should wear full protective gear and self-contained breathing apparatus.

### 6. Accidental Release Measures

- Avoid skin/eye contact; use PPE.
- Contain and absorb spill with inert material (e.g. sand or earth).



- Prevent release into drains or water bodies.
- Dispose of according to local environmental regulations.

## 7. Handling and Storage

- Handle in well-ventilated areas.
- Keep containers tightly closed.
- Store away from heat, sparks, open flame and oxidizers.
- Avoid contact with skin; use protective clothing.

## 8. Exposure Controls / Personal Protection

- Use local exhaust ventilation where vapors or mist may form.
- PPE: safety glasses, hydrocarbon-resistant gloves, protective clothing; respiratory protection if exposure exceeds permissible limits.

## 9. Physical and Chemical Properties

Property	Typical Value
Appearance	Dark aromatic liquid
Odor	Strong aromatic odor
Flash Point (COC)	~ 246 °C
Viscosity @100 °C	~ 19.65 cSt
Density @15 °C	~ 0.953 g/cm <sup>3</sup>
Pour / Congealing Point	~ 33 °C
Aniline Point	~ 63 °C
Water Content	~ 412 ppm
Sulphur Content	≤ 3.0 % wt

## 10. Stability and Reactivity

- Stable under normal use.
- Avoid strong oxidizing agents.
- Elevated temperature may generate flammable vapors.

## 11. Toxicological Information

- Skin contact may cause irritation with repeated exposure.
- Inhalation of vapors or mist may cause respiratory irritation.



- Contains aromatic compounds; prolonged exposure should be limited.

## 12. Ecological Information

- Likely persistent in environment; low water solubility.
- Avoid release to soil or water bodies; may be harmful to aquatic life in high concentration.

## 13. Disposal Considerations

- Dispose of via licensed waste handling facility.
- Do not discharge into drains, soil, or waterways.

## 14. Transport Information

- Not classified as dangerous goods in many jurisdictions; confirm per local transport rules.
- Ensure containers are securely sealed and clearly labelled.

## 15. Regulatory Information

- Must comply with chemical safety and environmental laws.
- Treated status (lower aromatic / PCA content) improves regulatory acceptance.

## 16. Other Information

- Data represent typical values; actual batch data (COA) should be used for specification.