



Product: Treated Residual Aromatic Extract (TRAЕ)

Supplier: Basekim

1. Identification

- **Product Name:** Treated Residual Aromatic Extract (TRAЕ)
- **Use:** Rubber process oil, plasticizer, extender oil for rubber manufacturing
- **Emergency Contact:** To be supplied by Basekim

2. Composition / Information on Ingredients

- Complex mixture of aromatic hydrocarbons obtained through solvent extraction and refining.
- Treated to reduce Polycyclic Aromatic Hydrocarbons (PAHs) and other impurities.

3. Hazards Identification

- Prolonged skin contact may cause mild to moderate irritation.
- Eye contact may cause redness or irritation.
- Inhalation of fumes or mist at elevated temperatures can irritate the respiratory system.
- Not highly flammable but vapors may ignite if exposed to open flame or very high temperatures.

4. First Aid Measures

- **Eye Contact:** Flush eyes with plenty of clean water for at least 15 minutes. Seek medical attention if irritation persists.
- **Skin Contact:** Wash thoroughly with soap and water. Remove contaminated clothing. If burned by hot oil, cool the area immediately and seek medical care.
- **Inhalation:** Move to fresh air immediately. If breathing difficulty occurs, seek medical attention.
- **Ingestion:** Do not induce vomiting. Rinse mouth and seek medical advice promptly.



5. Firefighting Measures

- **Suitable Extinguishing Media:** Foam, dry chemical, CO₂.
- **Unsuitable Media:** Direct water jets as they may spread the product.
- **Hazards During Combustion:** Dense smoke, CO, CO₂, and hydrocarbon vapors.
- **Protective Equipment:** Self-contained breathing apparatus and protective gear for firefighters.

6. Accidental Release Measures

- Prevent spillage from entering drains, soil, or watercourses.
- Use absorbent material like sand or earth to contain and collect spilled oil.
- Wear appropriate protective equipment during cleanup.
- Dispose of waste according to local regulations.

7. Handling and Storage

- Handle in **well-ventilated areas** and avoid inhaling fumes or vapors.
- Store in **sealed containers** away from heat, sunlight, and ignition sources.
- Keep containers tightly closed when not in use.

8. Exposure Controls / Personal Protection

- **Engineering Controls:** Use local exhaust ventilation when processing at high temperatures.
- **PPE:**
 - Safety goggles or face shield
 - Chemical-resistant gloves
 - Protective clothing
 - Respiratory protection if mist or vapors are present

9. Physical and Chemical Properties

Property	Typical Value
Appearance	Dark brown to black viscous liquid
Odor	Characteristic aromatic hydrocarbon smell



Property	Typical Value
Flash Point (COC)	~ 250 °C
Viscosity @ 100 °C	~ 40 cSt
Specific Gravity @ 15.6 °C	~ 0.950
Pour Point	+42 °C
Sulfur Content	~ 3% wt
Aniline Point	~ 70 °C

10. Stability and Reactivity

- Stable under normal storage and handling conditions.
- Avoid contact with strong oxidizing agents.
- Elevated temperatures may generate vapors that can ignite.

11. Toxicological Information

- Prolonged skin exposure may lead to irritation or dermatitis.
- Inhalation of mist or fumes can cause respiratory irritation.
- Chronic exposure should be evaluated, particularly with respect to PAH content.

12. Ecological Information

- May be harmful to aquatic life if released in large amounts.
- Not readily biodegradable and may persist in soil or water.
- Avoid release into the environment.

13. Disposal Considerations

- Dispose of waste according to local environmental regulations.
- Do not discharge into sewers or open water.

14. Transport Information

- Generally not classified as hazardous for transport but check local transport rules.
- Ensure containers are sealed and properly labeled.



15. Regulatory Information

- Product meets international chemical and safety standards.
- Batch testing required to confirm compliance with PAH limits and other specifications.

16. Other Information

- Information provided is based on typical data for treated aromatic extracts.
- Always refer to the latest Certificate of Analysis (COA) for the batch being used.