



## Low Viscosity Paraffinic Rubber Process Oil

### Material Safety Data Sheet (MSDS)

#### 1. Identification

Product Type: Highly refined paraffinic oil with low viscosity. Recommended Use: Rubber compounding, adhesives, soft rubber goods.

#### 2. Composition / Information on Ingredients

Refined paraffinic hydrocarbon blend from petroleum processing. CAS numbers typical for paraffinic distillate oils (e.g. 64742-55-8 or similar depending on grade).

#### 3. Hazards Identification

Generally low hazard under normal conditions. Prolonged skin contact may cause mild irritation. Heated oil may emit vapors/fumes that irritate eyes, nose, and throat.

#### 4. First Aid Measures

Eye Contact: Rinse with water for 15 minutes. Skin Contact: Wash with soap and water. Inhalation: Move to fresh air. Ingestion: Do not induce vomiting, seek medical advice.

#### 5. Firefighting Measures

Extinguishing Media: Foam, dry chemical, carbon dioxide. Unsuitable Media: Direct water jet. Flash Point:  $\geq 220-230^{\circ}\text{C}$ . Protective Equipment: Self-contained breathing apparatus.

#### 6. Handling and Storage

Store in sealed containers in cool, dry, ventilated area. Keep away from heat, sparks, open flame. Avoid repeated skin contact; use protective gloves and clothing.

#### Physical and Chemical Properties

Property	Typical Value
Appearance	Clear to very pale yellow liquid
Odor	Very faint petroleum/paraffinic odor
Kinematic Viscosity @100°C	~10-20 cSt
Flash Point (COC)	$\geq 220-230^{\circ}\text{C}$
Density @ 15°C	0.860-0.885 g/cm <sup>3</sup>
Pour Point	Below 0°C to +5°C

### Technical Data Sheet (TDS)

Description: A low viscosity paraffinic oil designed to act as extender and processing aid in



rubber compounds. It improves mixing, softness, and filler dispersion while maintaining low hardness and good thermal stability.

### Applications

- Soft compound rubber products (footwear, seals, gaskets)
- Adhesives and sealants
- Light rubber goods where flexibility is needed
- Plasticizer and extender in rubber formulations

### Technical Specifications

Property	Typical Value	Test Method
Kinematic Viscosity @100°C	~10-20 cSt	ASTM D445
Flash Point (°C, COC)	≥ 220	ASTM D92
Density @ 15°C	0.860-0.885 g/cm <sup>3</sup>	ASTM D1298
Pour Point (°C)	Below 0 to +5	ASTM D97
Color (ASTM)	L0.5-1.5	ASTM D1500

### Packaging & Handling

Available in steel drums (180-200kg), IBCs, or bulk deliveries. Handle with closed transfer systems to avoid spills. Store in shaded, ventilated areas away from ignition sources.