Safety Data Sheet (SDS / MSDS)

Tyre Scrap · CAS NA · NA

SAFETY DATA SHEET (DRAFT) - TYRE SCRAP (ELT)

1. IDENTIFICATION
• Product Name: Tyre Scrap (Whole, Shredded, or Chips)
• Supplier: Moonarc FZCO, Dubai, UAE
• Recommended Use: Industrial fuel, Pyrolysis feedstock, Construction.

2. HAZARDS IDENTIFICATION
• Physical Hazards: Not classified as flammable but will burn fiercely in a sustained fire.
• Health Hazards: Primarily mechanical (cuts from steel wire). Rubber dust may cause respiratory irritation.
• Environmental Hazards: Low toxicity in solid form. Do not allow to enter waterways as it is non-biodegradable.

3. COMPOSITION/INFORMATION ON INGREDIENTS
• Rubber Polymers (Natural/Synthetic): 40-50%
• Carbon Black: 25-30%
• Steel Wire: 10-15%
• Textile/Fiber: 5-10%
• Additives (Zinc Oxide, Sulfur, Oils): <5%

4. FIRST AID MEASURES
• Eye Contact: Flush with water for 15 mins if dust enters eyes.
• Skin Contact: Wash with soap and water. Treat cuts from steel wire with standard antiseptic procedures.
• Inhalation: Move to fresh air if dust inhalation occurs.

5. FIRE-FIGHTING MEASURES
• Extinguishing Media: Water fog, foam, dry chemical. Avoid high-pressure water streams which may scatter fire.
• Specific Hazards: Produces thick black smoke containing CO, CO2, and sulfur oxides.

6. DISPOSAL CONSIDERATIONS
• Dispose of in accordance with local environmental regulations for solid waste. Recycling is the preferred route.

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