

End of Life Tyres

Truck & Bus Tyres (Cut Treads & Sidewalls)

Section 1

Product and Company Identification

Product Identifier	End of Life Tyres – Cut Trucks & Bus Tyres
Chemical Name	Vulcanized Rubber Compound (NR, SBR, BR with embedded steel & textile)
Product Use	Raw material for recycling, pyrolysis, TDF, crumb rubber production
Manufacturer`s / Supplier	Arkan International Company for production of Petroleum Solvents
Street Address	Block 9, Abdullah Mubarak st.
City	Qibla
Country	Kuwait
Emergency Number	+965 – 60607015 – 95518014 - 50563251



Date MSDS Prepared

15 August 2025

MSDS Prepared by

Arkan International (Waste Management Division)

Section 2

Hazards Identification

Physical / Chemical hazard:

Non-flammable in solid form but combustible at high temperatures.

Can release toxic fumes (CO, SO₂, hydrocarbons) if burned.

Health hazard:

Low risk under normal handling.

Dust from cutting/grinding may cause respiratory irritation.

Carcinogenicity:

None

Section 3

Composition / Information on Ingredients

Main Component	Content
Natural Rubber (NR) / Synthetic Rubber (SBR, BR)	55-65%
Carbon Black	20-25%
Steel Wire	15-20%
Textile Fibres	5-10%

Section 4

First Aid Measures

Skin Contact:

Wash with soap and water. Treat cuts from exposed steel.

Eye contact:

Flush with clean water if dust / rubber particles enter eyes.

Ingestion:

Move to fresh air if exposed to dust from cutting / grinding

Inhalation:

Not applicable.

Section 5

Fire Fighting Measure

Combustion and explosion characteristics:

Combustible: may emit dense black smoke.

Extinguishing Agent:

Foam, dry powder, Co2, water spray.

Section 6

Accidental Release Measures

Personal Protective measures:

Wear gloves and dust masks when handling.

Release:

Collect manually or mechanical loaders.

Waste disposal:

Reuse, recycle, or dispose in compliance with local environmental laws.

Section 7

Handling and Storage

Handling:

Avoid exposure to cutting dust. Use protective gloves.

Precautions for storage:

Store in a dry, cool area away from flames or sparks. Avoid prolonged sunlight.

Section 8

Exposure Controls / Personal Protection

Engineering Control:

Provide adequate ventilation if cutting or grinding.

Respiratory protection:

Dust masks are recommended when cutting.

Skin Protection:

Gloves and protective clothing.

Skin Protection:

Safety goggles recommended during cutting.

Section 9

Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	: Black cut rubber strips and sidewall rings
Melting Point	: Melting Point
Odor	: Non irritant
Water Solubility	: Insoluble in water

Section 10

Stability and reactivity

Conditions to avoid:

Open fire, high heat.

Incompatible substance:

Oxidants.

Hazardous decomposition products:

None.

Section 11

Toxicological Information

Routes of Exposure:

Skin contact, inhalation of dust.

Health Hazard:

Dust may cause mild respiratory irritation, prolonged contact with carbon black may cause skin Dryness.

Carcinogenicity:

None under normal industrial use.

Section 12

Ecological Information

Degradability:

Not readily biodegradable.

Ecotoxicity:

May persist in environment, no acute toxicity in solid state.

Section 13

Disposal Information

Waste disposal Method:

Preferred recycling (Pyrolysis, TDF, Crumb rubber). Otherwise, landfill in compliance with Environmental rules.

Section 14

Transport Information

Transport Hazard Class:

Non-Hazardous

Packaging:

Loose bulk in Containers.

Section 15

Regulatory Information

Complies with Kuwait EPA and international waste management guidelines.

Not classified as hazardous material under IMDG, ADR, IATA.

Section 15

Other Information

Revision Number

0

Revision Date

15 August, 2025

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If this product is used in combination with other materials, processes, or applications not Specified herein, this information may not be applicable. The final responsibility for determining The suitability of this product for any given application rests solely with the user.

Arkan international Co. reserves the right to refuse supply of this material to any party unable to Demonstrate safe handling, storage, processing, or disposal practices in compliance with Applicable laws, rules, and regulations. Such demonstration may include site inspections of Storage and handling facilities.

Users are responsible for compliance with all local, national, and international regulations Applicable to the handling, storage, and disposal of this product.