

MATERIAL SAFETY DATA SHEET

(EU/453/2010-EC/1907/2006)

JETFINE WMDR

Date of issue: November 17, 2011

Version: 1.2

1. Identification of the substance/preparation and manufacturer

Fine rubber granulate and rubber powder produced from truck tire tread by ultra-high pressure waterjet milling.

Product trade-name: JetFine WMDR

<u>Manufacturer</u>	HungaroJet Industrial Services Ltd.
<u>Registered address:</u>	Taska u 9, Budapest 1112, Hungary
<u>Mailing address:</u>	Nanasi ut 2/E, Budapest 1031, Hungary
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<u>Email:</u>	info@hungarojet.eu

Identified use:

Rubber and thermoplastic elastomer compounds, rubberized bitumen

REACH registration number:

Not available, exemption 2(7)(d) of REACH regulation EC/1907/2006.

2. Hazards identification

The product is not hazardous as its components are integrated into the rubber matrix.
No hazardous symbol or pictogram is used.



3. Composition / information on ingredients

Truck tire tread recyclates, CAS number 139497-04-4.

Ingredients of prevailing truck tire tread composition materials, mainly

- natural rubber
- synthetic rubber such as styrene-butadiene-rubber, polyisoprene, polybutadiene
- carbon black
- zinc oxide
- sulphur

4. First aid measures

No special first aid procedure required. It is not likely that exposure results in serious symptoms.

5. Fire fighting measures

Extinguishing media:

All of the usual extinguishing media are allowed.

Unusual fire/explosion hazards:

Material may emit toxic fumes in fire: carbon dioxide, carbon monoxide, sulphur dioxide.

Special protective equipment:

Wear appropriate protective clothing with self-contained breathing apparatus in case of close encounter of burning substances of considerable quantity.

6. Accidental release measures

In case of accidental release (e.g. spill or leakage from its storage bag) the material should be collected and it can be further used after proper cleaning (re-sieving).

7. Handling and storage

Handling: no special precautions necessary.

Storage: Storage should be according to ISO 2230.

The storage accommodation should be cool, below 25°C, dry and moderately ventilated.



8. Exposure controls / personal protection

General: Use gloves and avoid contact with skin.

9. Physical and chemical properties

Form: Powder and fine granulate

Density: 0.45 – 0.53 g/cm³ depending on product fineness

Colour: Black

Odour: Rubber odour

Melting point: n.a.

Boiling point: n.a.

Flash point: n.a.

Auto-ignition temperature: unknown

Explosion limits: unknown

pH-value: n.a.

Solubility: Insoluble in water, partially soluble in acetone.

10. Stability / reactivity

No special data on this product.

11. Toxicological information

No data available on this product. Prevailing practice suggests that it does not require classification under EC law.

12. Ecological information

Ecotoxicity: Not hazardous; solid material insoluble in water.

Biological degradation:

Degradation resistant.

13. Disposal considerations

Product: incineration or landfill where applicable.

Always consult with the relevant local authority before disposal.

Package: disposable or reusable for limited purposes after cleaning.

14. Transport information

Not classified as hazardous according to ADR, RID/IMDG/ICAO/ADN.

Contains environmentally hazardous substance of ZnO integrated in rubber matrix, in the amount of less than 2.5% by weight.

15. Regulatory information

TSCA status: This product is in compliance with TSCA section 8b Inventory requirements.

SARA Section 313 Supplier notification:

Toxic chemical	CAS number	Concentration
ZnO	1314-13-2	<2.5% by weight

Classification and labelling have been determined according to EU directives 67/548/EEC, 1999/45/EC and EC/1272/2008 (including amendments) and take into account the intended product use. Bulk quantities of this product do not require labeling.

16. Other information

No hazardous symbols, risk phrases and hazard statements used.

The information presented herein is true and accurate to the best of our knowledge, but without any guarantee unless explicitly given.