



Date: 01/01/2024

Safety DATA SHEET

COLD ASPHALT MIX (CAS-R25)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier	COLD ASPHALT MIX
Chemical Name	Mixture
Trade Name(s)	CAS-R25
Packing	25 KG / Bag
Expiry	18 Month
Withstands Temperature Fluctuations (After Applying)	-10°: +80° C
Temperature At application	>+25° C

The area covered by one cold asphalt bag of 25 kg approximately: -
25 KG / Bag cover an area around- length .45 M widths .45M depth .05M

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Road Maintenance
Uses Advised Against	Maintenance in water and rain.

Details of the supplier of the data sheet

Company Identification:

Al Bunnia Contracting and Trading and Production of Raw Materials LLC.

Headquarters: Sultanate of Oman – Muscat- Al Jaffnain .

Commercial Register: 1393691

Phone: 0096899225972

Website: Albenya.com

Email: info@albenya.com





COLD ASPHALT MIX (CAS-R25)

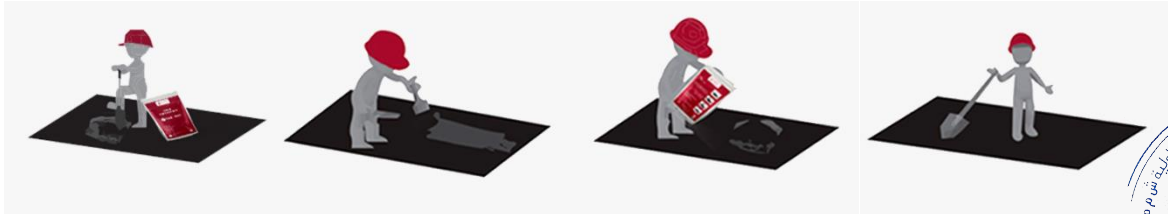


SECTION 2: Features of cold asphalt

- Easy to apply with simple equipment.
- Reinforced with fiberglass.
- Ready for traffic immediately.
- A friend of the environment.
- Easy to trade and individual tamper.
- Easy to transfer and apply. It is packed in polyethylene bags.
- Consolidate after compacting.

SECTION 3: How to use (Professional Way)

- Cut and clean the hole of old stones and rubble.
- Spray MC and left for 30 minutes to dry and keep the bags separate under sun light till the MC dry.
- Empty the cold asphalt bag into the hole and make it up 4- 5 CM (Hit the bag on both sides of the ground) .
- Compact the hole well after that spreading little fine sand.





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SECTION 4 : COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients	% wt.	CAS No.
Aggregate(crushed stone, sand, gravel)	> 85	Various
Silica sand Or Quartz sand	< 5 %	14707-60-7 14808-60-7
Petroleum asphalt / bitumen	< 5 %	8052-42-4
Additives + Fiberglass + Filer	< 5 %	Various

SECTION 5: lab results

Ref	Method	Result Range
Bitumen content (%)	ASTM D 2172:17	5.0
Marshall criteria @ 25°C (75 Blows)	Stability (N)	20629
	Flow (MM)	2.5
Marshall criteria @ 60°C (75 Blows)	Stability (N)	7660
	Flow (MM)	2.7
Bulk Density	ASTM D 1559:89	2.387
% Voids in Mix (VIM)		7.2

SECTION 6: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200) / GHS Classification Eye Irrit. 2; Skin Sens. 1b



Hazard Symbol

Signal Word(s)

WARNING

Hazard Statement(s)

May causes serious eye irritation. May cause an allergic skin reaction. Precautionary

Statement(s)

Wear protective gloves /eye protection. Wash hands and exposed skin after use.

Additional Information None





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SECTION 7: FIRST AID MEASURES



Description of first aid measures

Inhalation Not normally required. Move person to fresh air. Apply artificial respiration if necessary. If symptoms persist, obtain medical attention.

Skin Contact Gently wash with plenty of soap and water. If irritation (redness, rash, blistering) develops, get medical attention.

Eye Contact Flush eyes with water for at least 15 minutes while holding eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.

Ingestion Not normally required. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

Indication of any immediate medical attention and special treatment needed



SECTION 8 : PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance Color.	BLACK
Odor	Asphalt / Bitumen
Odor Threshold (ppm)pH (Value)	Not available.
Melting Point (°C)/Freezing Point (°C)	Not available.
Boiling point/boiling range (°C):	Not available.
Flash Point (°C)	Not available.
Evaporation Rate	Not available.
Flammability (solid, gas)	Not applicable
Explosive Limit Ranges	Not applicable
Vapor pressure (Pascal)	Not determined.
Vapor Density (Air=1)	Not determined.
Density (g/ml)	2.387
Solubility (Water)	Negligible
Solubility (Other)	Not known
Partition Coefficient(n-Octanol/water)	Not available.
Auto Ignition Point (°C)	Not available.
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity(cSt) @ 40°C	Not available.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Other information	Not available



SECTION 9 : STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	May react violently with: Strong oxidizing agents
Conditions to avoid	Incompatible materials
Incompatible materials	Oxidizers / WATER
Hazardous decomposition product(s) products: Carbon monoxide, Carbon dioxide.	Combustion causes toxic fumes. Combustion

SECTION 10 : DISPOSAL CONSIDERATIONS

Waste treatment methods; - Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information;- None known

SECTION 11 : TRANSPORT INFORMATION

Ground or Water Domestic Voyage(DOT): Not classified as dangerous for transport

SECTION 12 : REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture's (Toxic Substance Control Act)-Inventory Status: All components listed or polymer exempt.

RCRA Hazardous Waste Number (40 CFR 261.33): None

US RCRA Hazard Class: Not applicable.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

SECTION 13 : OTHER INFORMATION

Al Bunnia reserves the right to change or modify the data without prior notice. All reasonable care has been taken in compiling the data that to best of our knowledge is accurate and true. All recommendations are made in good faith. No responsibility can be accepted by us and no warranty is implied with regards to any of the recommendations made in the data sheets, since the condition of actual use and the labor involved are beyond our control. The products are warranted against manufacturing defects only and sold subjected to Al Bunnia Company standard terms and conditions of sale.

