

Safety Data Sheet

1. Identification of Substance/Preparation and Company

Reference 30
Product Name Asphalt Products
Trade Name / Synonym(s) Asphalt
Intended / Possible Uses For use in the Construction of Roads
Company Identification Whitemountain Quarries Limited
Address 26 Ballycarnagannon Road
Lisburn, County Antrim
Telephone 02892 639750
Fax 02892 639751
Emergency 07879 436738
Container Delivered in Bulk in Tipper Lorries
Data Sheet No.
Description Asphalts are mixes of Natural Aggregates and Bitumen.

2. Composition / Information On Ingredients



Irritant



None



None



None

Chemical Characterisation

Bitumen is a hydrocarbon derived from the distillation of of crude oil.

CAS number

EINECS number

EC Index number

3. Hazard Identification

The products are not classified as hazardous in accordance with the CHIP Regulations.

The main hazard presented by Asphalt relates to the temperature of the material.

Hot Material may burn the skin.

Fumes from Asphalt are unlikely to be Hazardous when laid in open air situations.

There may be a risk to health by continuous inhalation of high vapour concentrations which might arise in confined or semi confined spaces.

Cold Material if in contact with unprotected skin may be an irritant

4. First Aid Measures

RESP: Remove to fresh air.

SKIN: Avoid contact.

SKIN: Burns caused by contact with the hot material should be cooled immediately by drenching with cold water.

SKIN: SEEK MEDICAL ADVICE IMMEDIATELY.

EYES: Flush copiously for at least 15 minutes.

EYES: If irritation persists, SEEK MEDICAL ADVICE PROMPTLY.

INGEST: Do NOT induce vomiting.

INGEST: SEEK MEDICAL ADVICE URGENTLY.

5. Fire Fighting Measures

Only use dry powder or Foam Extinguishers

CO2 Extinguishers are unsuitable extinguishing media.

Hydrocarbons may be released during fire.

Full protective clothing including suitable respirator or breathing apparatus should be used by fire fighters.

6. Accidental Release Measures

Ensure that the temperature of Asphalt does not present a Safety Hazard.

Wear Gloves and Overalls

Prevent entry into watercourses.

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7. Handling & Storage

Skin Contact should be avoided. Inhalation of fumes should be avoided as far as is reasonably practicable.

There are no special requirements for storage.

8. Exposure Controls / Personal

WEL: Asphalt, petroleum fumes - OES 8 hour TWA 5 mg m-3 / STEL 15 minute 10 mg m-3

WEL: Silica, respirable crystalline - MEL 8 hour TWA 0.1 mg m-3 / STEL 15 minute N/A

Take measures to prevent inhalation of dust created during cutting or surface treatment of hardened Asphalt.

Wear appropriate heat resistant gloves

Goggles may be required

Wear Overalls

9. Physical & Chemical Properties

Appearance is a black granular solid material. It has a strong Bituminous odour.

Chemical Formula

Molecular Weight

Viscosity Of Liquid

Decomposition Products

Specific Gravity

Refractive Index

Pour Point

Melting Point

Boiling Point

Vapour Pressure

Evaporation Rate

Saturation Level

Flash Point above 200 C

Ignition Temp.

Ignition Temp. Of Dust

Explosive Limits

Solubility In Water

Decomposition Temp.

Hydroscopic No

pH

10. Stability & Reactivity

Avoid sources of ignition above 200 C. Avoid strong oxidising agents.

The substances arising from the thermal decomposition of the Bitumen Binder in the Asphalt will depend on particular condition but may contain:

Carbon Dioxide, Carbon Monoxide, Water, Particulate matter, Hydrogen Sulphide, Sulphur Oxides, Polycyclic Aromatic Hydrocarbons, Nitrogen Oxides, Vanadium Pentoxide,

11. Toxicological Information

Fumes inhaled over a prolonged period could constitute a health hazard.

Prolonged skin contact with cold product may cause dermatitis and malignant warts.

12. Ecological Information

Asphalt materials are non volatile materials that will sink in water and form a solid layer on the surface of the ground.

When used as intended, no adverse environmental effects are anticipated.

The product is resistant to degradation and will persist in the environment for a considerable time.

The product is not expected to be toxic to aquatic organisms.

13. Disposal Considerations

WASTE: Do not discharge into public sewers or drains.

Asphalt is an inert material.

Aggregates that are inert should be disposed in accordance with local and national legal requirements.

14. Transportation Information

No special carriage requirements.

The material should be kept covered while in transit to prevent degradation before use.

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15. Regulation Information

This product is NOT classified as dangerous for transportation.



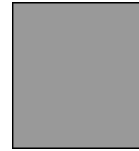
Irritant



None



None



None

16. Other Information

If you have purchased this material it is your duty to take all the necessary steps to ensure that any person handling or using this product is supplied with the information in this sheet.

Conclusion

Monitoring

Reassess Date 06/02/2009

Record Revision ABA

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