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SAFETY DATA SHEET

NATURAL ASPHALT/NATURAL BITUMEN/GILSONITE

Producer:

Hillington International Group
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Identification of the product

Trade Name: Gilsonite, Natural Bitumen, Natural Asphalt
Distributor: www.gilsonitesuppliers.co.uk powered by Aroma Europe Ltd.
Address: 239 High Street Kensington, London, W8 6SN, England
Tel No: +44 207 316 3092
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Ingredients

This substance is not hazardous.

In accordance with the EU-directive 67/548 EU this product should be considered as a substance and is not hazardous.

Substance name	Value(s)	CAS nr / EC nr / EC annex I nr	Symbol (s)	R-Phrase(s)
Hydrocarbon-black solid (Gilsonite)	96-98%	012002-43-6 / 310-127-6 / NOT CLASS.		
CAS numbers (s)	012002-43-6 / 310-127-6 /	Not Classified		
Synonyms	Natural asphalt, Natural Bitumen, Gilsonite			
Impurities contributing to dangerous aspect	None			
Surfactant (methyl-oxirane polymer)	2-4%	9003-11-6		



Hazards identification

Main hazards	None under normal conditions.
Risk Phrases	None.
Specific Hazards	None.
Symptoms relating to use	The substance may cause eye, skin and respiratory irritation, due to abrasion, as with any inert dust.

First aid measures

Emergency medical treatment	Generally no medical treatment required.
Inhalation	Remove to fresh air. Obtain medical attention if breathing difficulty persists.
Skin contact	Not expected to require first aid measures. Remove contaminated clothing and shoes. Wash skin thoroughly with mild soap and water.
Eye contact	Flush with lukewarm water for 15 minutes.
Ingestion	Not expected to be a primary route of exposure.
Note to physician	Information number only applicable for the Netherlands

Fire measures

Extinguishing media

Suitable	CO2. Dry chemical foam. Water fog.
Protection for firemen	Wear suitable protective clothing. Wear self-contained breathing apparatus.
Hazardous combustion gasses or products	Carbon dioxide Nitrogen oxides. Carbon monoxide.



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Accidental release measures

Environmental precautions

After spillage / leakage

On soil	Transfer to a closed container for disposal.
On water	No special requirements.
Disposal	Dispose in a safe manner in accordance with local/national regulations.

Handling and storage

Precautions in handling and storage	Any potential or ignition should be moved prior to pulverizing or other process resulting in dust generation.
Advice for safe handling	Avoid raising any powdered material into dust explosion hazard.
Incompatible products	Oxidizing agents.
Technical measures	No special requirements.
Suitable storage circumstances	Store in dry area.
Storage – away from	No special requirements.
Recommended packing materials	No special requirements.



Exposure controls / personal protection

Technical measures	Ventilate area. Any potential or ignition should be moved prior to pulverizing or other process Resulting in dust generation.
TLV-TWA [mg/m³]	5 mg/m ³
TLV-STEL [mg/m³]	10
PEL-OSHA [mg/m³]	5 mg/m ³
Personal protection	No special requirements.
Respiratory protection	Approved dust or mist respirator should be used if airborne particulate is generated when handling this material. Only at high concentrations.
Skin and body protection	Not required.
Hand protection	Not required. Use gloves if desired.
Eye protection	Wear safety glasses when dust is a problem.
Industrial hygiene	Wash hands and other exposed areas with mild soap and water before eating, Drinking, smoking and when leaving work.



Physical and chemical properties

Physical state	Solid
Form	Powder
Colour	Black
Odour	None
pH value	Not applicable.
Melting zone [°C]	140 – 205 C
Boiling point [°C]	Not determined.
Flash Point, (COC) [°C]	315
Decomposition temperature [°C]	No data available.

Stability and reactivity

Hazardous reactions	None known.
Stability	Stable.
Conditions to avoid	Hazard of dust explosions. Avoid heat, sparks, open fire and oxidizing conditions.
Materials to avoid	Strong oxidizing agents.
Hazardous decomposition products	Carbon monoxide. Carbon dioxide Oxides of nitrogen.



Toxicological information.

Toxicity information	Health injuries are not known or expected under normal use.
Acute toxicity	None.
Over sensitiveness	No evidence found.
Carcinogenicity	No evidence found.
Mutagenicity	No data available.
Reproductive toxicity	None.
Local effects	Irritation (due to abrasion as with any inert dust).

Ecological information

Toxicity information	Health injuries are not known or expected under normal use.
Acute toxicity	None.
Over sensitiveness	No evidence found.
Carcinogenicity	No evidence found.
Mutagenicity	No data available.
Reproductive toxicity	No data available.
Local effects	Irritation. (Due to abrasion as with any inert dust)



Disposal considerations

Residues	Dispose in a safe manner in accordance with local/national regulations.
Contaminated packaging	Dispose in a safe manner in accordance with local/national regulations.

Transport Information

General information	Not classified.
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Regulatory information

EEC Labeling	Not classified.
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Other information

The contents and format of this MSDS are in accordance with EEC Commission Directive 93/112/EEC.

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