

Material Safety Data Sheet



Martrex, Inc.

Section 1: Chemical Product and Company Information

Product name: Gilsonite

Supplier/ Further Information: Martrex, Inc.

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EPA Registration Number: n/a

CAS#: 012002-43-6

Chemical Name: Gilsonite

Synonyms: Natural asphalt, Uintaite

Chemical Family:

MSDS Number: n/a

24 Hour Emergency Phone - Chemtrec Transport: 1-800-424-9300; Medical: 1-800-441-3637

Section 2: Composition/Information on Ingredients

Non Hazardous Components	CAS#	%	OSHA PEL	OSHA STEL	OSHA CEIL
Hydrocarbon-black solid	012002-43-6 310-127-6	100%	5mg/m ³	10mg/m ³	no data
	OTHER LIMITS	RTECS#	ACGIH TLV	ACGIH STEL	ACGIH CEIL
	See Section 15	no data	no data	no data	no data

Section 3: Hazards Identification

Main hazards: In accordance with the EU-directive 67/547 EU this product should be considered as a substance and is not hazardous.

Emergency Overview: Generally no medical treatment required.

Potential Health Effects:

Primary Routes of Exposure / Entry: Inhalation (breathing), eye contact, skin contact. (Ingestion is unlikely)

Target Organs: The substance may cause eye, skin and respiratory irritation, due to abrasion as with any inert dust.

Acute Exposure Symptoms

Inhalation: no data

Eye Contact: no data

Skin Contact: no data

Ingestion: Ingestion is unlikely. Not expected to be a primary route of exposure.

Chronic Exposure Symptoms

Inhalation: no data

Medical Conditions Aggravated By Long-Term Exposure: no data

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1-800-441-3637 Medical**

Section 4: First Aid Measures

Inhalation: Remove to fresh air. Obtain medical attention if breathing difficulty persists.

Eye Exposure: Flush with lukewarm water for 15 minutes. Remove contact lenses.

Skin Exposure: Not expected to require first aid measures. Remove contaminated clothing and shoes. Wash skin thoroughly with mild soap and water.

Ingestion: Not expected to be a primary route of exposure.

NOTE TO THE PHYSICIAN: Information number only applicable for the Netherlands.

Section 5: Fire Fighting Measures**Flamability Classification:**

NFPA= no data

DOT= no data

A Flash Point (COC): 315°C

Auto-ignition Temperature: no data

Lower explosion limit (LEL): no data

Upper explosion limit (UEL): no data

Extinguishing Media: CO2. Dry chemical foam. Water fog.

Unusual Fire and Explosive Hazards: no data

Hazardous Decomposition Materials: Carbon dioxide Nitrogen oxides. Carbon monoxide.

Special Procedures:

Fire-Fighting Instructions: no data

Personal Protective Equipment: Wear suitable protective clothing. Wear self contained breathing apparatus.

CAUTION: no data

Section 6: Accidental Release Measures

Spill and Leak Procedures: For Personal precautions: See Section 8.

Containment of Spill: On soil: Transfer to a closed container for disposal. **On water:** no data.

Cleanup and Disposal of Spill: Cleanup and Dispose in a safe manner in accordance with local/national regulations.

Environmental and Regulatory Reporting: Follow local/national regulations.

Section 7: Handling and Storage

Minimum/maximum Storage Temperature: no data

Handling: Any potential or ignition should be moved prior to pulverizing or other process resulting in dust generation. Avoid raising any powdered material into dust explosion hazard.

Storage: Store in dry area. Incompatible products: Oxidizing agents. Store in accordance with local/national regulations.

REGULATORY REQUIREMENTS: See Section 8 for employee exposure controls and Section 15 for other regulatory requirements.

Section 8: Exposure Controls / Personal Protection

Ventilation Protection: Ventilate area. Any potential or ignition should be moved prior to pulverizing or other process resulting in dust generation.

Respiratory Protection (specify type): Approved dust or mist respirator should be used if airborne particulate is generated when handling this material. Only at high concentrations.

Eye Protection: Wear safety glasses when dust is a problem.

Skin Protection: Not required. Use gloves if desired.

Other Protective Clothing and Equipment: no data

Hygienic Work Practices: Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking and when leaving work. Keep the working area as clean and tidy as possible.

**24 Hour Emergency Phone - Chemtrec: 1-800-424-9300 Transportation
1-800-441-3637 Medical**

Section 9: Physical and Chemical Properties

Chemical Name: Gilsonite
Physical State: Solid
Color and Appearance: Black Lumps.
Odor: None
Odor Threshold: no data
pH (in water): Not applicable
Specific Gravity: no data
Vapor Pressure, no data
Vapor Density: (Air=1): no data
Density: no data
Volatiles by Volume: no data
Boiling Point: Not determined.
A Flash Point (COC): 315°C
Softening Point: no data
Melting Point: 140 – 205°C
Evaporation Rate: no data
Solubility in water no data
Other Solubilities: no data
Chemical Formula: no data
Formula Wt: no data

Section 10: Stability and Reactivity

Chemical Stability: Stable X Unstable ____
Hazardous Polymerization: None known
Conditions to Avoid: Hazard of dust explosions. Avoid heat, sparks, open fire and oxidizing conditions.
Chemical Incompatibility: Strong oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide. Oxides of nitrogen.

Section 11: Toxicological Information

Acute Data: None. Health injuries are not known or expected under normal use.
Eye Effects: Irritation (due to abrasion as with any inert dust).
Skin Effects: Irritation (due to abrasion as with any inert dust).
Oral LD₅₀: No data (Not a likely route of exposure.)
Dermal LD₅₀: no data
Inhalation LC₅₀(rat): no data
Skin Sensitization: no data
Chronic Data: None. Health injuries are not known or expected under normal use.
Chronic Effects: no data
Chronic Toxicity Studies: no data
Mutagenicity Data: No data available.
Reproductive and Teratological Data: no data
Carcinogenicity Data: No evidence found.
NTP: no data **OSHA:** no data **IARC Monograph:** no data **Not Listed:**

Section 12: Ecological Information

Eco-acute Toxicity: no data
Environmental Fate: no data

Section 13: Disposal Considerations

Disposal Procedures: Dispose of in a safe manner in accordance with local/national regulations.

Disposal Regulatory Requirements: Dispose in accordance with local/national regulations.

Container Cleaning and Disposal: Dispose of in a safe manner in accordance with local/national regulations.

Section 14: Transport Information

General Information: Not classified.

Section 15: Regulatory Information

ECC Labeling: Not classified.

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

Section 16: Other Information

ACGIH - American Conference of Governmental Industrial Hygienists

CAS - Chemical Abstracts Service

CHEMTREC - Chemical Transportation Emergency Center

DOT - U.S. Department of Transportation

EPA - U.S. Environmental Protection Agency

IARC - International Agency for Research on Cancer

LEL/UEL - Lower and Upper Explosive Limit

mg/m³ - Milligrams per cubic meter

MSDS - Material Safety Data Sheet

NAERG - North American Emergency Response Guidebook

NIOSH - National Institute of Occupational Safety and Health

NFPA - National Fire Protection Association NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit (set by OSHA)

PPE - Personal Protective Equipment

SARA - Superfund Amendments and Reauthorization Act

TLV - Threshold Limit Value (set by ACGIH)

MSDS Issue Date: n/a

Revised Date: 4-15-09

Supersedes: n/a

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