Material Safety Data Sheet (MSDS) of Gilsonite for Ink

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER:	Gilsonite for Ink Oil and gas additive DGP, Gilsonite for Ink XMP Drilling fluid additive
OTHER MEANS OF IDENTIFICATION:	None known
RECOMMENDED USE:	
RESTRICTIONS ON USE:	
SUPPLIER IDENTIFIER:	ADD: 2406 OF THE BURLINGTON TOWER, BUSINESS BAY, DUBAI-UAE TEL:0097145681743 CELL:00971543033231
EMERGENCY PHONE NUMBER:	

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION:	Not hazardous per part 2 of the HPR
LABEL SYMBOLS:	Not applicable
SIGNAL WORD:	Not applicable
CLASSIFICATION INFORMATION:	Not applicable
PRECAUTIONARY STATEMENTS:	Not applicable
OTHER HAZARDS:	Caution: If dust is created during use it can create a dust explosion hazard.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL	CAS NUMBER	CONCENTRATION
NAME Gilsonite Oil and gas additive	12002-43-6	95 - 100%

SECTION 4: FIRST AID MEASURES

SKIN CONTACT:	Remove contaminated clothing and wash affected area thoroughly with water and soap. If irritation occurs, and persists, obtain medical attention.
EYE CONTACT:	Do not rub eyes. Immediately flush with gently flowing warm water 15 minutes. Obtain medical attention if irritation persists.
INGESTION:	Rinse mouth and give 1 to 2 glasses of water. If symptoms occur, or large amount ingested, obtain medical attention. Never give anything by mouth if victim is unconscious, rapidly losing consciousness or convulsing.
INHALATION:	Move to area free from dust. If victim is not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If breathing difficulties or distress continues obtain medical attention.
MOST IMPORTANT SYMPTOMS / EFFECTS:	No known acute health effects are expected as a result of contact with this product. Prolonged or repeated skin contact may cause dermatitis. Repeated contact may cause skin sensitization.
IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT:	Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Use water spray, foam, dry chemical or carbon dioxide to extinguish.
UNSUITABLE EXTINGUISHING MEDIA:	None.
SPECIFIC FIRE HAZARDS:	POTENTIAL COMBUSTIBLE DUST HAZARD. Powdered material may form explosive dust-air mixture, which can be ignited by a spark heat or flame. When evaluating the dust explosion hazard of a specific process or sample of material, the important factors to consider include:

	particle size and shape, dust concentration, the nature of any impurities, oxygen concentration, humidity, and extent of containment. Gilsonite Oil and gas additive is classified as St-2, strong explosion, under OSHA Directive Number CPL-03-00-008. Particulates may accumulate static electricity.
HAZARDOUS COMBUSTION PRODUCTS:	Formaldehyde, oxides of carbon, oxides of nitrogen and other irritating and toxic fumes may be formed in a fire.
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS:	Self-contained breathing apparatus required for fire-fighting personnel.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIMENT AND EMERGENCY PROCEDURES

Wear appropriate safety gear including eye and respiratory protection. Eliminate ignition sources. Avoid generation of dusts during clean-up. Wet product may create a slipping hazard.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Collect dry material by vacuum or by sweeping and shoveling. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal. Flush spill area thoroughly with water once all traces of material are swept up.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Avoid contact with eyes or prolonged skin contact. Use good personal hygiene and housekeeping. Avoid dust formation. Avoid breathing dust. Launder contaminated clothing before reuse. If material is ground, cut or used in any operation which may generate dusts, use appropriate explosion- proof local exhaust ventilation.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool, dry, well-ventilated place away from incompatible materials and ignition sources.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:	No information available.
ENGINEERING CONTROLS:	Use only with adequate ventilation. If user operations generate dust use process enclosure, local exhaust ventilation or other engineering controls to keep worker exposure below limits.
	PERSONAL PROTECTIVE MEASURES
RESPIRATORY PROTECTION:	Approved dust masks recommended for dust levels below TLV. Use a properly fitted particulate filter respirator complying with an approved standard if airborne concentrations exceeds TLV or if a risk assessment indicates this is necessary.
PROTECTIVE GLOVES:	PVC or other plastic material gloves recommended.
EYE PROTECTION:	Safety glasses with side-shields.
OTHER PROTECTIVE EQUIPMENT (SPECIFY):	Protective clothing as required to prevent contact. Ensure eye-wash station and emergency shower are available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Black powder
ODOUR:	Odourless
ODOUR THRESHOLD:	Not applicable
pH:	Not available
MELTING POINT / FREEZING POINT:	Not available
BOILING POINT / RANGE:	Not available
FLASH POINT:	310°C
EVAPORATION RATE:	Not applicable

FLAMMABILITY:	Combustible
FLAMMABILITY / EXPLOSIVE LIMITS:	Not available
VAPOUR PRESSURE:	Not applicable
VAPOUR DENSITY:	Not applicable
RELATIVE DENSITY:	1.04 – 1.08
SOLUBILITY:	Insoluble in water
PARTION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE:	500°C
DECOMPOSITION TEMPERATURE:	550°C
VISCOSITY:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	Not reactive.
CHEMICAL STABILITY:	Stable.
POSSIBILITY OF HAZARDOUS REACTIONS:	Not available.
CONDITIONS TO AVOID:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
INCOMPATIBLE MATERIALS:	Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available.

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY:	Not available
SKIN CONTACT:	Mild skin irritant. Repeated or prolonged contact may cause dermatitis. Repeated contact may cause skin sensitization.
EYE CONTACT:	May cause mechanical irritation.
INGESTION:	Not toxic by ingestion. No effects expected from ingestion of small quantities.
INHALATION:	Dust may cause irritation including coughing and sneezing.
CARCINOGENICITY:	Not considered to be carcinogenic as per IARC, NTP or OSHA.
TERATOGENICITY:	No information available.
REPRODUCTIVE TOXICITY:	No information available.
MUTAGENICITY:	No information available.
CHRONIC TOXICITY:	No information available.
TARGET ORGAN EFFECTS:	None known.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:	Not available.
PERSISTENCE AND DEGRADABILITY:	Not available.
BIOACCUMULATIVE POTENTIAL:	Not available.
MOBILITY IN SOIL:	Not available.
OTHER ADVERSE EFFECTS:	Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, provincial and local regulations. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal.

SECTION 14: TRANSPORTATION INFORMATION

TDG	Not regulated
DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated
UN NUMBER:	Not applicable
PROPER SHIPPING NAME:	Not applicable
CLASS:	Not applicable
PACKING GROUP:	Not applicable
IMDG HAZARDS:	Not applicable
BULK TRANSPORT:	Not applicable
SPECIAL PRECAUTIONS:	None

SECTION 15: REGULATORY INFORMATION

DSL:	Components are listed or exempt from listing.
WHMIS CLASS:	None
TSCA:	Components are listed or exempt from listing.

SECTION 16: OTHER INFORMATION

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