

MATERIAL SAFETY DATA SHEET



MSDS DATE: 27/07/2015

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PèTROZORB - Silver

DESCRIPTION: Natural Organic Oil and Chemical Spill Absorbent Fibre (With Oil Digesting Microbes)

MANUFACTURER: Fine Forest Organics

ADDRESS: PO Box 10759, The Falls, Gauteng, South Africa 1522

EMERGENCY PHONE: + 27 (0) 11 849-4767
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CHEMICAL NAME: *Cocos Nucifera Peat, Pinus Elliottii and Pinus Patula.*

PRODUCT USE: Hydrocarbon and Chemical Remediation Absorbent

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SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW – CAUTION!

Eye contact can cause severe irritation or conjunctivitis.

Inhalation of dust may irritate the throat or lungs.

Long-term overexposure may reduce pulmonary function.

PRIMARY ROUTES OF ENTRY: Inhalation of dust. Eye and skin contact. Ingestion of dust.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Airborne dust may cause immediate or delayed irritation and inflammation.

SKIN CONTACT: None Known.

INGESTION: Excessive intake may cause irritation of the mucous membranes of the mouth, throat, esophagus and stomach of the digestive tract.

INHALATION: Inhalation of the dust may cause irritation of the nose, throat and/or lungs depending on the degree of exposure.

ACUTE / CHRONIC HEALTH HAZARDS: None Known.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: PèTROZORB – Silver is made from a propriety blend of Coco Peat (*Cocos Nucifera Peat*), which is a cellulose organic fibre, plus two species of pine bark: *Pinus Elliottii* and *Pinus Patula*. Added to this are multiple strains of favourable aerobic and anaerobic microbes.

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SECTION 4: FIRST AID MEASURES

EYE CONTACT:	Flush eyes out with clean water or eye wash solution.
SKIN CONTACT:	Rinse affected area with water or mild soap solution.
INGESTION:	Rinse mouth out with water, do not induce vomiting.
INHALATION:	Move from exposure to fresh air.

NB: IF IRRITATIONS PERSIST OBTAIN MEDICAL ATTENTION

SECTION 5: FIRE-AID MEASURES

FLASH POINT:	None.
EXTINGUISHING MEDIA:	Water, CO2, foam, dry powder or any recognized extinguishing medium.
SPECIAL FIRE-FIGHTING PROCEDURES:	None.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None.
HAZARDOUS DECOMPOSITION PRODUCTS:	None.

Can smolder if exposed to naked flame for a considerable time

SECTION 6: ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL:	Sweep up and either use as an absorbent or dispose of in a normal way according to National Regulations.
WASTE DISPOSAL:	Safe for disposal in landfill.
ENVIRONMENTAL PRECAUTIONS:	Product is 100% natural plant based material and will not harm the environment.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS:	Avoid moisture. Water would activate microbes.
HANDLING:	Avoid accidental formation of dust.
STORAGE:	Store in dry closed container within storage temperature of - 5° C to + 35 ° C

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION:	Work area should be well ventilated. Product dusty.
RESPIRATORY PROTECTION:	Wear dust mask.
EYE PROTECTION:	Wear goggles.
SKIN PROTECTION:	Use overalls, boots and gloves.
PERSONAL PROTECTIVE EQUIPMENT (PPE):	The Following PPE Is Recommended When Working With Product.



OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Not necessary for handling the unused product, may be required when handling absorbed hydrocarbons and / or other substances.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOUR:	Natural organic solids, fibrous powder, light to dark brown. Organic wood odour.
pH AS SUPPLIED:	N/A.
SOLUBILITY IN WATER:	Insoluble.
PERCENT SOLIDS BY WEIGHT:	100
PERCENT VOLATILE BY WEIGHT:	None.
VOLATILE ORGANIC COMPOUNDS (VOC):	None.

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under normal room temperature and conditions. No Hazardous combustion Decomposition or By-Products.
REACTIVITY:	Materials to Avoid; Alkalis and Strong acids

SECTION 11: TOXICOLOGICAL INFORMATION

No toxicological disease or condition reported to date. Product comprises of plant materials and has low or no toxicity.

SECTION 12: ECOLOGICAL INFORMATION

AQUATIC TOXICITY:	None.
ENVIRONMENTAL FATE:	Partially decomposed state when solid, 100% Bio-Degradable.
ENVIRONMENTAL TOXICITY:	None.

SECTION 13: DISPOSAL CONSIDERATIONS

LEGAL STATUS:	This material is not a Hazardous Waste. It is classified a Type 3 General Waste, in terms of the NEMWA: National Norms and Standards for the Assessment of Waste Landfill Disposal, R. 635 of 23 August 2013.
DISPOSAL:	Dispose of to General Landfill sites in terms of Minimum Requirements or Class B or C Landfill in terms of the NEMWA: National Norms and Standards for the Disposal of Waste for Landfill, R. 636 of 23 August 2013. Safe for disposal on landfill or incineration. Only consideration is pollutant of product absorbed.

SECTION 14: TRANSPORT INFORMATION

No special precautions apply in unused product.
Product is not classified as a dangerous substance in terms of The GHS SANS 10234.
No UN Number has been allocated to it as it is not considered to be a Hazardous substance

SECTION 15: REGULATORY INFORMATION

Non Hazardous

SECTION 16: OTHER INFORMATION

Statements made only pertains to PèTROZORB, and not to any substances it may have been used to absorb – product ex- factory