



HINKLEY POINT C DATA SHEET

Premium **ProCleanSorb** Granules (Applies to all manufactured product fill)

DEPLOYMENT INFORMATION

Please watch 2 minute Video: <https://www.youtube.com/watch?v=z3AmG6Rd5DU>

Premium ProCleanSorb Granules can be used to clear up spills of contaminants. Shovel or scatter the loose fill over the spill. Work in with a broom or brush until spill is completely absorbed. Dispose of used ProCleanSorb in accordance with your environmental policy.

- Each sack will absorb twelve times its own weight in contaminants
- Non-Leaching
- Will not absorb water
- ProCleanSorb is inert in its virgin state

NEVER TAKE PERSONAL RISKS

RAISE THE ALARM

USE CORRECT PPE

PROCLEANSORB ABSORBS THESE CONTAMINANTS

ACETONE
 ACETONECYANHYDRIN
 ACETONITRILE
 ACROLEIN
 ADBLUE
 ALCOHOLS
 ALLYLCHLORIDE
 AMYLACETATES
 ANIMAL FATS
 ANTI FREEZE
 AVGAS
 BENZINE
 BIO-DEGRADABLE OILS
 BLOOD
 BODILY FLUIDS
 BROMODICHLOROMETHANE
 BROMOFORM
 BROMOFORM METHYL
 BUNKER C OIL
 BUTANOL
 2 - BUTANONE
 BUTYLACETATES
 BUTYRIC ACID
 CANOLA OIL
 CARBON DISULFIDE
 CARBON TETRACHLORIDE
 CAUSTIC SODA
 CHLOROBENZENE
 CHLOROFORM
 CORN OIL
 CRUDE OILS
 CUTTING OILS
 CYCLOHEXANE
 CYANIDE WASH
 DE-ICER
 DICHLOROBENZENE

1, 2 DICHLOROETHENE
 DIESEL OILS
 DIESEL FUELS
 DYES
 ETHANOL
 ETHYL BENZENE
 ETHER
 ETHYLENE GLYCOL
 EXANE (97%)
 FISH OIL
 GASOLINE
 GLUES
 HEPTANES
 HERBICIDES
 HEXANES
 HEXACHLOROBENZENE
 HEXACHLOROBUTADIENE
 HEXACHLOROETHANE
 HF ACID
 HYDRAULIC OIL
 HYDRAULIC FLUIDS
 INKS (OIL BASED)
 ISOBUTANOL
 ISOPRENE
 ISOPROPANOL
 JET FUELS
 JP/7
 KEROSENE METHANOL
 METHYLENE CHLORIDE
 METHYL KETONE
 METHYL PHENOL
 MOTOR OILS
 NAPHTHALENE
 2 - NITROANILINES
 NITROBENZENE

PAINTS
 PARAFFINS
 PENTANE
 PENTACHLOROPHENOL
 PEANUT OIL
 PETROL
 PETROLEUM ETHER
 PRINTERS INKS
 PROPANOL
 PHENOL
 PHENOL (48% IN ACETONE)
 SCINTILLATION LIQUID
 SILICONE OIL (100CS)
 STRENE
 SULPHURIC ACID
 TETRACHLOROETHANE
 TETRACHLOROETHYLENE
 TETRAHYDROFURAN
 TOLUENE
 TRICHLOROETHYLENE
 TRICHLOROPHENOL
 TRIETHYLAMINE
 UREA BASED PRODUCTS
 VARNISHES
 VARSOL
 VEGETABLE OIL
 VINYL ACETATE
 VINYL CHLORIDE
 XYLENE

**ProCleanSorb also adsorbs heavy metals, including:
 CHROMIUM - COPPER - LEAD - NICKEL - ZINC - CADMIUM**

Section 01: Chemical Product and Company Information

Supplier Details:

Pro Earth Limited
 Unit D3, Dominion Way, Rustington
 West Sussex
 United Kingdom

Contacts:

Tel: +44 (0)330-118-0336
 E-mail: enquiries@pro-earth.co.uk
 Web: www.pro-earth.co.uk

Manufacturer:

Pro Earth Ltd

Product Name: Premium **ProCleanSorb**
 Chemical Name: Canadian Sphagnum Peat Moss 100%
 Formula: Preparation / Mixture
 Product Use: ProCleanSorb is composed of fine screened dehydrated sphagnum peat moss, carefully selected, dried, sieved, blended pH balanced, using unique proprietary methods, in which its chemical and physical characteristics allow a very high capacity of moisture retention (or absorption) such as: fuels and fumes, hydrocarbons, solvents bodily fluids and the majority of chemical liquid products.

Section 02: Hazards Identification

Regulation Number: 1272/2008

GHS Hazard Class: Not Applicable

Signal Word:

Hazard Statement:

Precautionary Statements: Prevention No Precautionary Statement
 Response No Precautionary Statement
 Storage No Precautionary Statement
 Disposal No Precautionary Statement

<0% of mixture consists of ingredients of unknown acute toxicity

Hazardous Classification: Not classified as hazardous

Fire and Explosion: Not considered flammable or combustible, but product will burn if involved in a fire.

Potential Health Effects: No Information

Ingestion: No Information

Inhalation: Inhalation over long periods of high amounts of nuisance dust may overload lung clearance mechanism, irritate mucous membrane and make lungs more vulnerable to respiratory disease.

Skin Contact: May cause slight irritation

Eye Contact: Eye irritation may result

Other: None

Chronic effects of over exposure: None

Appearance: Brownish, fibrous material.

Component	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
ProCSorb	1	0	0	--

SAFETY DATA SHEET: ProCleanSorb Loose Fill Product (applies to all manufactured product) – HPC fill)
DATE: Prepared: 08.09.2025
 No. PCS-001.2

Section 03: Composition, Information on Ingredients

Product Composition	Appro x. %	ACGIH TVL	OSHA PEL	NIOSH REL	CAS NO.	EINECS / ELINCS	DANGER SYMBOL	RISK PHRASE	DSL CANADA
Peat Moss	100	5mg / m ³ Respirable dust 10mg / m ³ Total dust	5mg / m ³ Respirable dust 15mg / m ³ Total dust	10mg / m ³ Total dust	–	–	–	–	–

S.M.E. Nutrient Analyses: results in ppm (mg/L)

N-NO ³	N-NH ₄ D	PD	K	Ca	Mg	Na	Zn	Mn	Cu	Fe	B
0-21	2-13	0-16	0-33	0-32	0-22	0-30	>0.3	>0.3	>0.05	>1.1	>0.2

Trade Secret (TS) Some items on this MSDS may be designated as trade secrets. Bon-a-fide requests for disclosure of trade secret information to medical personnel must be made in accordance with provisions contained in 29 CFR 1910.1200 I 1-13. The full text for all R-Phrases is shown in section 16.

Section 04: First Aid Measures

Inhalation: Remove to fresh air. If not breathing, provide CPR (cardio pulmonary resuscitation). Get immediate medical attention.

Skin Contact: Wash skin with plenty of soap and water for at least 15 minutes.

Eye Contact: Immediately wash skin with plenty of soap and water for at least 15 minutes. Get immediate medical attention if irritation persists.

Ingestion: If swallowed do NOT induce vomiting, give large quantities of water to drink. Never give anything to an unconscious person. Give immediate medical attention.

Section 05: Fire – fighting Measures

Flash Point: Not Applicable

Flammable Limits in Air: Not Applicable

Extinguishing Media: Water, Fog, Spray

Special Firefighting Procedures: Burning may continue inside bags, other containment media or loose product piles after surface fire has been extinguished. Break bags. Other containment media open or separate piles to ensure that fire is completely extinguished.

Section 06: Accidental Release Measures

Action to be taken if material is released or spilled:

Wear appropriate protective clothing as specified in section 08: Exposure Controls / Personal Protection.

Warn others of Spill and its nature

- Contain Spill
- Absorb Spill
- Place in Chemical waste container

Disposal Method: Disposal should be in accordance with Local Authority / chosen waste carrier / waste assessment criteria (WAC).

Section 07: Handling and Storage

Precautions to be taken in Handling and storage: Wear proper personal protective equipment (PPE), avoid Contact with skin, eyes or clothing. Wash hands after handling material. Follow the applicable local regulations for handling and storage.

Information on emptied container: Not Applicable

Specific Uses: ProCleanSorb is composed of fine screened sphagnum peat moss, carefully selected, dried, sieved, blended pH balanced, using ProCleanSorb unique proprietary methods, in which its chemical and physical characteristics allow a very high capacity of moisture retention (or absorption) such as: fuels and fumes, hydrocarbons, solvents and the majority of chemical liquid products.

Section 08: Exposure Controls / Personal Protection for Toxic Spill Clear Up

Ventilation: Always provide good, general ventilation to minimise dust exposure when handling ProCleanSorb.

Respiratory Protection: Always use approved face mask when deploying ProCleanSorb. Always use approved industrial grade gloves or gauntlets when handling ProCleanSorb.

Protection Gloves: Always use protective eyewear (Safety Glasses) when handling ProCleanSorb.

Eye Protection: Always wear suitable protective clothing to prevent skin contact.

Protective Clothing: Always ensure that hand washing equipment is available in the workplace.

Other Equipment: Avoid contact with eyes. Wash hand after handling.

Work / Hygiene Practices:

SATURATION: ALWAYS DETERMINE THE NATURE (COMPOSITION) OF THE SPILL TO BE ABSORBED. REFER TO PROCLEANSORB ABSORPTION LEVEL INFORMATION CHART. REFER TO PROCLEANSORB CHEMICALS ABSORPTION CHART. NEVER IMPLEMENT A SPILL CONTROL PROCEDURE WITHOUT IDENTIFYING THE ORIGIN OF THE SPILL AND ENSURING PERSONAL PROTECTION IS IN PLACE.

Section 09: Physical and Chemical Properties

Appearance – Colour: Brownish, fibrous material
 Physical State: Partially decomposed vegetation material
 Odour: Earthy

	Product Criteria
Odour Threshold	Earthy
PH	3.5 – 4.5
Flashpoint	150°C Minimum (Open cup)
Lower / Upper Explosive Limit	Not Applicable
Flammability (Solid / Gas)	Not Applicable
Explosive Properties	Not Applicable
Oxidising Properties	Not Applicable
Specific Gravity (@25°C)	60-90g/l (on dry weight basis)
Evaporation Rate	Not Applicable
% Volatile by Volume	Not Applicable
Partition Coefficient	Not Applicable
Auto Ignition Temperature	Not Applicable
Decomposition Temperature	Not Applicable
Boiling Point	Not Applicable
Melting Point	Not Applicable
Vapour Pressure	Not Applicable
Vapour Density	Not Applicable
Solubility in Water	None
Water Solubility in Solvent	None
Freezing Point	Not Applicable
Viscosity	Not Applicable
VOC Content	Not Applicable

PHYSICAL CHARACTERISTICS

Air Porosity: 10-20% (V/V)
 Dry Bulk Density: 4-9 lbs/ft³ (0.08 – 0.12g/cm)
 Moisture Content: Water 0 – 15% by weight
 Holding Capacity: 63 – 73% by volume

Section 10: Stability and Reactivity

Stability: Stable
Conditions to avoid: None
Incompatibility (Materials to avoid): None
Hazardous Decomposition Products: None
Hazardous Polymerisation: Will not occur

Section 11: Toxicological Information

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Comments	Chemical
Acute Toxicity		No Information Available		
Skin Corrosion / Irritation		No Information Available		
Serious Eye Damage / Eye Irritation		No Information Available		
Respiratory or Skin Sensitisation		No Information Available		
Germ Cell Mutagenicity		No Information Available		
Carcinogenicity		Not Listed		
Reproductive Toxicity		No Information Available		
STOST – Single Exposure		No Information Available		
STOST – Repeated Exposure		No Information Available		
Aspiration Hazard		No Information Available		

STOST – Specific Target Organ Systemic Toxicity.

Only selected Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See entry in RECTS.

Section 12: Ecological Information

Biodegradation: No Information Available
Bioaccumulation: No Information Available
Eco Toxicity: No Information Available
Mobility: No Information Available

Section 13: Disposal Considerations

Waste from residues / Unused products: Follow the waste disposal requirements of your Country, State or Local Authority

Packaging: Packaging should be disposed of responsibly, in accordance with Local Authority requirements

Section 14: Transportation Information

DOT TRANSPORT

DOT Proper Shipping Name:	Not Regulated
ADR International Carriage of dangerous goods by road:	Not Regulated
Rail Transport:	Not Regulated
Sea Transport:	Not Regulated
Air Transport:	Not Regulated
IATA/ICAO CLASS	

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Section 15: Regularity Information

Directive: 67/548/EU Label

for Supply



Risk Phases R

– Phases:	R36 – Irritating Eyes
	R38 – Irritating Skin
S- Phases	S24 – Avoid contact with skin
	S25 – Avoid contact with eyes

Toxic Substances Control Act (TSCA) Status:

This product is in compliance with rules, regulations and orders of TSCA. All components are listed on TSCA inventory.

Superfund Amendments and reauthorisation act of 1986 (SARA). Title III Section 313 – Supplier Notification:

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the Emergency

Planning and Community Right to Know Act of 1986 and 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for the material.

The Section 313 toxic chemicals contained in this product are: None.

EU - INFORMATION

This product has been reviewed for compliance with the following EU directives: REACH
1907/2006

Directive 67/548/EEC

Regulation (EC) No. 1272/2008 on classification, labelling, and packaging (CLP) of substances and mixtures.

Section 16: Other Information

EU Hazards Identification

R: None

S: None

Danger Symbols: None

Revision Comments: Updated January 2017 (UK only) 01

Information Sources: RTECHS, REACH, OSHA 29CFR,1910.1200

This material safety data sheet (MSDS) is offered solely for your information, consideration and investigation. The data described in this MSDS consists of data on literature, our acquisitioned data and analogical inference by data of similar chemical substances or products. Pro-Earth or ProCleanSorb provide no warranties, either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable.

ECOMAT 600 X 600MM (EM-60)

DEPLOYMENT INFORMATION

The EM-60 is a geotextile mat filled with ProCleanSorb. It can be used proactively to protect road drains or drop inlets. The geotextile is porous and will allow water and contaminants through its wall. The EM-60 can be placed on top of a spill to absorb up to 12 litres of contaminants.

Dimensions

Overall
 Manufacturer Code
 Geo-Textile
 Origin
 Absorbent

Description

600mm x 600mm
 EM-60
 See separate Data Sheet.

Natural ProCleanSorb, Veriflora®, Sustainably harvested in association with CSPMA, pH balanced, dried, blended and sieved.
 No Additives.
 Inert

Condition

Manufacture

Overall

ProCleanSorb filled porous land and marine grade geotextile. Centre stitched for even spill capture.

Weight

2Kg

Connector

Mat ends

Stitched overlap joint – ProCleanSorb filled

Connection point

No connection point

Connection method

N/A

Carry handles

None

Absorbency

Maximum absorbency

18 Litres – Hydrocarbons, chemicals, Heavy Metals *as per ProCleanSorb absorbency list*

Absorption from water

>99.96%

Leachate

<0.06%

Classification

Hydrophobic

Deployment

Maximum continuous

6 months @ +5°C - +35°C in normal conditions

Land Deployment

Yes

Water Deployment

No PE54 / Yes PE55

Reusable

Yes – Dry naturally

Post incident disposal

Bio-Mass incineration – Energy creation 17,000 btu / lb

Settling

Self settling

ECOSOCK 1800 X 65MM (LS-18)

DEPLOYMENT INFORMATION

The LS-18 is a geotextile sock filled with ProCleanSorb. EcoSocks can be used proactively to protect a road drains, drop inlets, gullies or to create a perimeter to protect an identified vulnerable area. The geotextile is porous and will allow water and contaminants through its wall. May be joined together using carabiners, marine rope or cable ties. Suitable for use in water.

Dimensions	Description
Overall	1800mm x 65mm
Core One	n/a
Core Two	n/a
Underwater drop curtain	None
Manufacture	
Overall	ProCleanSorb filled porous industrial grade geotextile.
Geotextile	See separate data sheet.
Connector	
Sock / Boom ends	No Connector
Connection point	No Connection Point
Connection method	Overlap and cable / rope tie
Carry handles	None
Absorbency	
Maximum absorbency	12.6 litres – Hydrocarbons, chemicals, Heavy Metals as per ProCleanSorb absorbency list
Deployment	
Maximum continuous	6 months @ +5°C - +35°C in normal conditions
Tidal Areas	No
Open Water	No
Rivers	No
Reusable	Yes – Dry naturally on pallet
Post incident disposal	Hazardous waste / biomass incineration. If in doubt, consult local Environment Agency office
Seating	Central core sits on ground