



# ABSO PERL

## Absorbs Spills Instantly

AbsoPerl is a non-toxic lightweight all-purpose loose industrial absorbent that works to help clean up spills and contaminants in all types of locations and work place environments.

Simply cover the designated area with AbsoPerl to instantly remove industrial spills.

### ☉ Ease of use

#### Highly absorbent

- 1:8 water absorption by weight – lab certified
- 1:3 oil absorption by weight – lab certified

### ☉ Safe and effective for absorbing all types of spills:

- Oil and water
- Chemical spills
- Nuclear waste
- Hazardous chemicals

### ☉ Non-toxic / non-carcinogenic

### ☉ Fire resistant

- Non-combustible (Class A1/Din 4102)

### ☉ Soaks up spills fast and effectively

- Immediate absorption due to high porosity

### ☉ Retains and holds liquids until clean-up is complete

### ☉ Oleophilic – selectively absorbs oil

### ☉ Environmentally friendly and safe to use

- Chemically inert natural mineral composition



## AbsoPerl typical absorption ratios

Products	Absorption Ratio (by weight)	
	Oil	Water
<b>AbsoPerl</b>	<b>3:1</b>	<b>8:1</b>
Cellulose-Based Products	1:1	1:1

# How to use AbsoPerl:



Cover spill area with AbsoPerl.



Using a stifle broom or brush, work in circular motion.



Sweep or vacuum spill. Repeat process if necessary.

## Why AbsoPerl?

- Retains absorbed materials
- Leaves no residue, therefore no slip hazard
- Lightweight / east to handle
- Absorbs all liquids (except Hydrofluoric acid)
- AbsoPerl is cost effective as it is equivalent to three or more bags of clay-based absorbents.
- Environmentally safe and friendly to use (Chemically inert natural mineral composition)

### Typical Chemical Analysis:

Silicon		33.8
Aliminum		7.2
Potassium		3.5
Sodium		3.4
Iron		0.6
Calcium		0.6
Magnesium		0.2
Traces		0.2
Oxygen (by difference)		47.5
Net Total		97
Bound Water		3.0
Total	%	100.0

All analysis are shown in elemental form even though the actual forms present are mixed glassy silicates.

\*Tested at Dubai Central Laboratory

## AbsoPerl Tips:

### Paint (Oil and/ or water-based):

If area of spill is dry; use paint thinner for oil based and water for water based paints to rewet the spill.

### Oil Based Products:

Absorbed spills will continue to be flammable. Ensure to dispose accordingly. If required rewet stains and apply AbsoPerl as necessary.

### Food Substances: (Liquid or Semiliquid)

AbsoPerl will absorb any type of liquid or semi-liquid food substance.

### Chemicals:

AbsoPerl is a non-selective absorbent, with only one exception **do NOT use with Hydrofluoric Acid\*\***. AbsoPerl readily absorbs herbicide, bases, alkaline, solvents, acids and any other liquid or semi-liquid.

## Typical Product Characteristics:

	Color	White
	G.E. Brightness. %	80-85
	Refractive Index	1.47
	Specific Gravity	2.34
Apparent density	kg/m <sup>3</sup>	150-200
	lb/ft <sup>3</sup>	9.3 - 12.5
	Water absorption, % wt.	700-900
	Oil absorption, % wt	300-400
	Moisture. %	< 1.0
	Ignition Loss. (1 hour at 980° C)	2.0% max.
Wet density	kg/m <sup>3</sup>	180-320
	lb/ft <sup>3</sup>	9.5-20.0
Packing	6 KG Bags ± 5% (13.2 lbs.) or Bulk Bags	

\*\*LETHAL TOXICITY WARNING: Do NOT attempt to absorb Hydrofluoric Acid. The combination of AbsoPerl and Hydrofluoric acid produces a substance which can be lethal if inhaled.

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