



POLTEC



Dustbuster™

Prevent Air Pollution

DUST SUPPRESSION SYSTEM(Dust Buster)

Before

(Only Water)

After

(POLTEC Biochemical)





POLTEC Ultrol
Coaltrol Indonesia

POLTEC Bio-Chemical Dust Suppression System

Many different types of dust are generated from industrial sites as like coal mining, cement plant, steel plant etc. These dust can cause serious damage to your health and some types of dust can eventually kill human.

Many factories use dust suppression system for their employee and neighbor. Very commonly, this involves using strategically-placed atomizing nozzles to only water spray and surface active agents to capture airborne dust particles and bring them to the ground. But unfortunately, water alone is not working as well as we expected to collect many dust. We(POLTEC) have developed **new bio-chemical dust suppression system** for more efficiency collect dust.

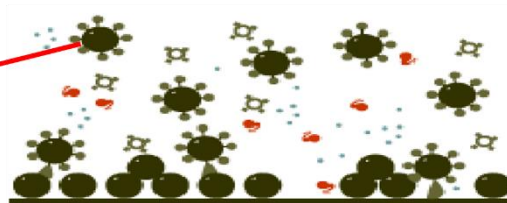
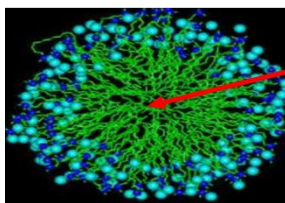
Major sources of Dust

- Aggregate Dust Suppressants
- Cement Clinker Dust Suppressants
- Crusher & Rock Breaker Dust
- Belt Conveyor Dust Control
- Coal Pile Sealants
- Haul Road Dust Suppressants



How to work POLTEC Bio-Chemical Dust Suppression System?

Micelle

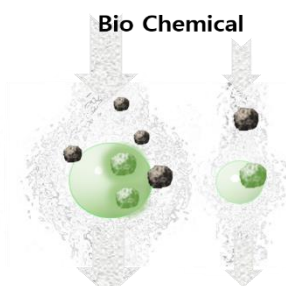


- OIL
- Surfactant micelle
- Water molecule & Alkalinity Builder
- Surfactant Molecule

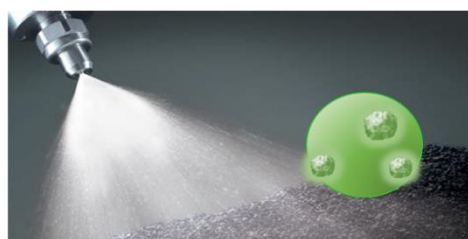
POLTEC Bio-Chemical Foam Activity



Spray and Fog a mixture of Water and Bio-Chemical



Absorb dust



Fog Spray



Only Water vs Bio-Chemical (Collecting material : Carbon dust)

Result :

After 10 m
dropping
carbon dust,

Still separate
Water &
Carbon



Bio-Chemical

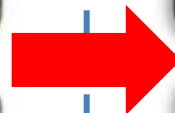
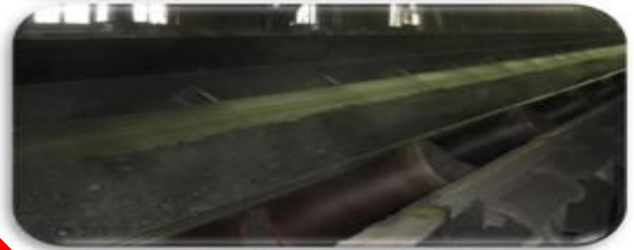
Result :

After 10 m
dropping
carbon dust,

Bio-Chemical
absorb
carbon dust
into water



DUST SUPPRESSION SYSTEM(Bio-Chemical)



Before
(Only Water)



After
(POLTEC Biochemical)

