DuPont Dusgon™
Dust Suppression Agents

Designed to solve some of the most challenging dust problems of the mining and construction industries.

Fugitive dust emissions that result from mining activities can pose serious Health, Safety and Environmental issues for workers, mine operators, local communities, regulatory bodies and governments.

DuPont Dusgon Dust Suppression Agents have been specially formulated and extensively tested to solve some of the most challenging dust emission problems of the mining and construction industries. The Dusgon products were developed for optimal performance but with special consideration to minimizing Occupational Health and Safety issues, Environmental impact and impact on the downstream use of the mined materials.

From the mine to the port, through various processing steps, transportation and storage, Dusgon helps reduce dust emissions and product loss. The Dusgon dust suppression technology uses unique combinations of water based polymer dispersions and additives that wet and bind dust particles into a crust or 3 dimensional matrix.

The products in the Dusgon range are non hazardous, simple and easy to apply. They can be used with existing water spray systems or in a delivery system designed for your application. The range can be applied to most dusty material and effectively suppress dust all year round. Products are specially formulated for different dusty material like coal and iron ore and a range of dust emission sources such as:

- Unsealed roads
- Stockpiles
- Rail wagons
- Transfer points
- Cleared, unvegetated or open areas.

Coupled with a proper dust control and management system, Dusgon products can help you control fugitive dust emissions.
Benefits of DuPont™ Dusgon Dust Suppression Agents

- Fast effective wetting of most dusty material
- Effectively binds dust and reduces emissions (larger particles down to PM10 and PM2.5) from most dusty material
- Does not change the essential properties of the material
- Does not affect material processing and end use
- Can use existing infrastructure and equipment to deliver treatments
- Cost effective compared to other dust control measures
- Cumulative effect with repeated use
- Savings on water and labour costs

Local Application Assessment and Technical Support

Depending on the material and the situation where dust suppression is required, we will work with you to determine the best product and solution for your application. DuPont has global resources and expertise combined with local technical support to offer a complete service from initial assessments, laboratory tests, system design, field trials right through to the ongoing service and maintenance of your dust suppression system.

To find out which product is best suited to your dusty material or application, please contact your DuPont Dust Suppression representative.

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Product advantages

Non hazardous
Low ecological toxicity
Low environmental impact
Low odour
Aqueous dispersion, mixes easily with water
Simple & easy to use
Quick drying time
Dries clear / transparent
Non corrosive & safe for all equipment
Non regulated for land, ocean and air transportation
Non volatile, non flammable
Non slippery
Once dried, will not dissolve or break down with water
Dyes & pigments can be added for colour

Dusgon products do not contain:
- Heavy metals
- Organochlorides
- Petroleum by products
- Solvents
- Oils
- Salts