

DS 高科抑尘剂 High Tech Dust Suppressant

抑尘剂 (DS) - 可以用于短期粉尘抑制，仅需用水稀释后喷洒于表面即可，成本低且效果显著。

Dust Suppressant (DS) - provides you with a very cost beneficial means of dust suppression for a short period, simply sprayed on the surface.



DS 粉尘抑制剂是一种喷洒于传统道路表面，临时施工道路（此类道路未铺设水泥或沥青面层），或修建新路过程中的液态产品，主要用于减少扬尘，是一种性价比很高的污染控制产品。

- DS 可用以向当地政府与周边社区证明矿区对环境保护的重视！

DS is a liquid product that is applied to the surface of an unsealed conventional road, or a temporary construction road (this is a road that has no concrete or bitumen top coat) or during new road construction. With the primary function of suppressing dust, it is therefore a very cost effective means of pollution control.

- DS is a great tool for promoting to the Government, or surrounding Community that the roading and construction Industry is environmentally aware!



DS 高科抑尘剂

High Tech Dust Suppressant

特性与优点

- 环保
- 预混合水剂
- 经济
- 减少洒水车的使用
- 易于使用
- 标准设备施用
- 适用于各类土型
- 改善路况
- 长效稳固道路

Features & Benefits

Environment conscious
Supplied as a pre-mixed liquid
Cost Effective
Reduces watercart movements
Easy to use
Applied with standard equipment
Can be used to many different soil types
Provides safer roads and driving conditions
Longer Lasting Road Stabilisation

显著功效

EXCEPTIONAL PERFORMANCE

每平方米施用 1.8 升的情况下，DS 最多可以在三个月内有效抑制粉尘，此外还可以起到稳固路面的功效。

Applying 1.8 ltrs per sqm will suppress the dust up to three months while providing a tightly bound pavement.

- 降至 PM10 标准
Reduce dust to PM10 Standards
- 粉尘控制
Dust Controlled

施用

INSTALLATION

采用标准施工设备施用 DS，无需特殊设备。

DS is installed with standard construction equipment; no specialised equipment needs to be used.

推荐用法 RECOMMENDATIONS

推荐用量为每平方米喷洒 1 升到 1.8 升，一般分两次施用。最好在产品渗透至路层后再进行第二次作业。这样可以减少产品流失并增进渗透程度。

The recommended application rate is from 1 ltr to 1.8 ltrs per square meter, generally applied in two applications. The second application can be made as soon as the first has penetrated. This procedure will minimise runoff and obtain deep, even penetration.



为什么使用 DS?

WHY USE DS?

- 6 到 12 周内有效抑制粉尘，减少维护工作。
- 可以随时续加产品。
- 可分多次少量施用产品。
- 有助于表层压实
- 取代频繁洒水降尘的方式
- 环保
- Six to twelve weeks of low maintenance and a dust suppressed pavement.
- Can be topped up at any time.
Frequent light Applications.
- Aids Compaction.
- Can replace frequent watering.
- Environment conscious.



行业解决方案：

INDUSTRY SOLUTIONS:

使用与用途

Uses & Application

直升机停机坪	Helicopter Landing Pads
道路施工中	During Road Construction
当地机构委员会	Local body council
城市与县区	Cities and Counties
运输道路	Haul roads
矿山道路	Mine roads
奶牛场	Dairy
停车场	Car parks
林业公路	Forestry roads
粉尘控制	Dust control
赛马场	Horse Arenas
铁路	Rail
私人车道	Driveways
施工现场	Construction sites
自行车道	Cycle ways



参与项目简述

Part of the Solution for Environmental Control

DS 高科技环保产品已经广泛应用于各类大型建筑与矿业项目中，可以起到有效抑制粉尘，稳固土层与集料的功效。在新西兰某大型项目中通过了环保机构的严格评估。

DS advanced technology has been proven in large projects to stabilise soils and aggregates, reducing dust solution problems in large construction and mine sites. The Environmental bodies in the largest project in New Zealand have rigorously evaluated DS.



节约宝贵资源

Saving Valuable Resources



改善路况

Safer Road and Driving Conditions

节约时间

Saving Time



长效稳固道路

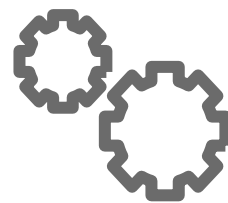
Longer Lasting Road Stabilisation

通过各类项目实际验证，适用于各类未铺设面层道路

Proven Technology, suitable for all unsealed pavements



附加信息 EXTRA INFORMATION



- 大宗产品出口：集装箱装货需 3 到 14 天的周转时间。买方需承担海运与物流费用。
- 生产限制：可在全球无限量快速生产制造 DS。
- 主要材料：DS 是一种“主打”材料，无需混合或者回收利用。
- 副产品：DS 不属于超滤液、副产品、规格外或者级外产品。
- 固化：DS 并未采用化学固化方式，随着水分的蒸发而固化。
- 固化时间：一般为 24 小时。温度为关键影响因素。
- 渗入深度：一般为 25 毫米。土型与压实程度为关键影响因素。
- 低温天气：将明显延长固化时间。温度越低，固化时间就越长。DS 不可用于摄氏 10 度以下的环境。
- 冰冻：严禁将 DS 贮存在 0 度以下的环境中。
- 正常工作寿命：在初次维护使用前一般为 4 到 12 周。
- 维护使用：当粉尘再次出现时应使用产品进行维护，用量为先前的半量即可。
- 土壤类型：任何类型。最好采用非塑性材料，以及分选好的，分布均匀的颗粒材料与细集料。
- 雨/雪天气：DS 的使用易受雨雪天气影响，如有必要则再次施用。
- 固化前清洁：立即冲洗设备。仅需用水冲去尚未固化的产品。
- 固化后清洁：易于清洁。用水冲洗即可。
- 脏水稀释：几乎可以采用包括脏水在内的任何水来稀释 DS。
- 海水稀释：可以使用海水稀释 DS。
- 性能因素：使用速度、土壤类型、稀释、压实、交通、渗透、气候以及其它因素。
- 统一代码：适用于 DS 的通用国际关税代码为 3905.21.00.00。
- Large Volumes and Exported Products: 3-14 day turn-around for loading container. Shipping and loading logistics at Purchaser cost.
- Production Limits: DS can be manufactured rapidly in unlimited volumes worldwide.
- Prime Material: DS is a “Prime” material, not blended or recycled.
- By-Products: DS is not an ultra-filtrate, by-product, of-spec or off-grade.
- Curing: DS does not cure chemically; it cures as the water evaporates.
- Cure Time: Typically, 24 hours. Temperature is the primary factor.
- Penetration Depth: 25 mm for topical applications. Soil type and compaction are the primary factors.
- Cold Weather: will significantly increase cure time. The lower the temperature, the longer the cure time. DS products are not to be used below 10c.
- Freezing: DS can be stored below 0 C.
- Normal Life Span: Graded, typically, from 4 to 12 weeks prior to first maintenance cost.
- Maintenance: Approximately 50% of the original volume used when dust starts to appear.
- Soil Type: Any. Best with non-plastic materials with a well graded grain size distribution and fines.
- Rain / Precipitation: Once applied DS is susceptible which will dilute the product and performance. Top up applications can be applied if needed.
- Uncured Cleaning: Rinse equipment immediately. Simply use water to rinse out any uncured product.
- Cured Cleaning: Not difficult to remove. Simply rinse with water.
- Grey Water Dilution: DS can be diluted with almost any water, including grey water.
- Sea Water Dilution: DS can be diluted with sea salt water.
- Performance Factors: Application rate, soil type, dilution, compaction, traffic, penetration, climate & others.
- Harmonized Code: The common International HS Tariff Code is 2827.31.00 for the product DS.

DS

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