Cost effective dust control and soil stabilization

States, municipalities and businesses across America rely on Dust-Off® dust suppressant to provide an easy, money-saving way to control dust and stabilize roads. Discover how Dust-Off® can help your road department or business cut costs and promote better health, safety and productivity in your communities.

**Stabilize roads, extend aggregate life**
Dust-Off® compacts and stabilizes gravel roads – helping to reduce aggregate loss by 42-61%.¹

**Reduce costly road maintenance**
Cost analysis shows a 30-46% reduction in total annual maintenance cost for unpaved roads treated with magnesium chloride – the active ingredient in Dust-Off®.² Plus it not only saves money by reducing maintenance costs, it also helps keep roads smooth for more consistent driving conditions.

**Improve visibility, prevent accidents**
Windblown dust can restrict visibility and cause accidents in high traffic areas. Dust-Off® improves visibility and makes roads safer.

**Low cost alternative to paving**
Dust-Off® provides an efficient, low cost alternative to paving – helping to keep unpaved roads in good condition.

**Help extend the life of tractors, trucks & more**
Dust-Off® suppresses the dust that can contribute to wear and tear on the moving parts of trucks, tractors and other costly machinery.

**Cleaner air, healthier environment**
Road dust can contribute to asthma and other health problems. Dust-Off® cleans the air by reducing fugitive dust emissions by 50-70%.³

**Ideal for hard to reach areas**
Aerial applications of Dust-Off® can be made to stabilize areas where traditional truck applications are impractical.

Keep dust down and costs low. Contact your local Dust-Off® distributor to learn more or call cargill salt at 1-888-385-salt (7258).

¹,²,³ Source: Relative Effectiveness of Road Dust Suppressants; J. Transp. Eng. Volume 123, Issue 5, pp. 393-397 (September/October 1997)

www.cargillsaltstore.com
www.cargill.com/industrial/na/dust-off-dust-suppressant

Cargill Salt
P.O. Box 5621
Minneapolis, MN 55440

OMRI Listed
This product is OMRI listed. It may be used in certified organic production according to the USDA National Organic Program Rule.
Dust-Off® Technical Data

**Description**
This product is intended for use as a dust suppressant on unimproved roads, as it is hygroscopic and deliquescent, and able to absorb and retain moisture. Care must be taken not to apply this product to pavement as slippery conditions will result. The primary active component is magnesium chloride, a natural material produced by the evaporation of sea water.

This product is intended for use on undeveloped State and county roads, industrial site roads, farms and ranches and private roads

This product is OMRI listed. It may be used in certified organic production according to the USDA National Organic Program Rule.

This product is not approved for human or animal consumption and is intended for use only in chemical or industrial applications.

**Application**
This product combines with elements in the soil and increases compaction and road stability. Depending on the quality of the road base and type of vehicular traffic, one application per year is usually sufficient. On heavily traveled roads, a second application may be necessary. This product works best if the road contains the proper proportion of coarse and fine fractions. The road should be graded and crowned for proper drainage. Roads subject to high traffic should be compacted. For best results, apply using a spreader truck equipped with a pressurized spray bar at the rate of ½ gallon per square yard.

**Methods of Analysis**
Methods of analysis are based on ASTM E 534, ASTM G 31 and Cargill internal methods.

**Producing Locations**
This product is manufactured at Cargill Newark, CA. Product of USA.

### Chemical Analysis

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NO.</th>
<th>UNITS</th>
<th>TYPICAL</th>
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<tbody>
<tr>
<td>Magnesium Chloride (dry)</td>
<td>7786-30-3</td>
<td>%</td>
<td>29-33</td>
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<tr>
<td>Sulfate (as SO₄)</td>
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<td>%</td>
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<tr>
<td>Water</td>
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<td>pH</td>
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### Physical Properties

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<th>PARAMETER</th>
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<tbody>
<tr>
<td>Density</td>
<td>11.06 lb/gal</td>
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<tr>
<td>Specific Gravity (at 60°F)</td>
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### Product Configuration

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>SAP DESCRIPTION</th>
<th>SAP NUMBER</th>
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<tbody>
<tr>
<td>Dust-Off® Dust Suppressant</td>
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<tr>
<td>Bulk Liquid - Truck</td>
<td>DUST OFF BULK LIQ</td>
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<tr>
<td>Bulk Liquid - Rail</td>
<td>DUST OFF RAIL BULK LIQ</td>
<td>100011236</td>
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<td>Hydromelt Blend, Bulk Liquid - Rail</td>
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