

DustCUT

Dust Control & Road Stabilization

2026

Gulf Elite Chemicals Factory

SAUDI MADE

1. Product Overview

Product: DustCUT (SAGEC232)

Manufacturer: Gulf Elite Chemicals Factory

Type: Water-based mineral solution

DustCUT is a naturally occurring, water-based mineral solution designed for dust control on haul roads. Dust control is essential to minimize airborne dust particles and improve safety, visibility, and environmental conditions.

2. Chemical Data Sheet

Property	Value
Appearance	Colorless liquid
Odor	Almost odorless
pH	7.0 - 8.5
Melting Point	-27C / -12C
Initial Boiling Point	114C
Flash Point	> 100C
Bulk Density	1.32 +/- 0.02 g/cm3
Solubility	Miscible with water

Chemical Composition:

- Salt %: Trade Secret
- Water: Trade Secret
- Trace Impurities: If applicable

Hazard Identification:

- Eye Irritation: Causes serious eye irritation (H319)
- Environmental Hazards: Not classified as environmentally hazardous

3. Method of Statement - Dust Control on Haul Roads

1. Introduction:

This method statement outlines the procedure for applying DUSTCUT liquid for dust control on haul roads.

2. Safety Precautions:

- PPE: Gloves, safety goggles/face shield, protective clothing
- Eye Protection: Rinse with water if splashed, seek medical attention if irritation persists
- Skin Protection: Avoid skin contact, wash with water if contacted
- Inhalation: Use in well-ventilated area
- Spill Control: Have spill control measures ready

3. Preparation:

- Examine haul road - confirm clean and free of debris, loose materials, standing water
- Ensure roads are properly graded with high-quality finish
- Minimize ruts, potholes, repair damaged sections
- Demarcate the treatment area (width and length)
- Pre-water the area: 2 liters per square meter
- Check weather - suspend during high winds or sandstorms

4. Application:

- Step 1 - Dilution: Dilute with water depending on requirements
- Step 2 - Use water truck with spray bar or dedicated spraying system
- Step 3 - Apply at recommended rate based on road conditions
- Step 4 - Ensure even coverage of entire haul road surface

5. Post-Application:

- Allow solution to dry and bond with road surface
- Avoid traffic until fully dried - Always needs 24 hours drying time

6. Maintenance:

- Regularly monitor road condition and dust levels
- Light watering (1L/week) once a week
- Reapply DustCUT as necessary

Material Safety Data Sheet (MSDS)

1. Product Identification

- Product Name: DUSTCUT solution
- Chemical Name: Water-based mineral solution
- Product Number: SAGEC232
- Supplier: Gulf Elite Chemicals Factory
- Address: 6751, 36D street, Office 305, Al-Shulah area, Dammam 34265, SA
- Emergency Tel: 00966596888111

2. Hazard Classification

- Physical Hazards: Not Classified
- Health Hazards: Eye Irrit. 2 - H319 (Causes serious eye irritation)
- Environmental Hazards: Not Classified
- Signal Word: Warning
- Not PBT or vPvB

3. First Aid Measures

Situation	Action
Inhalation	Move to fresh air, keep warm and at rest
Ingestion	Rinse mouth with water, do not induce vomiting
Skin Contact	Rinse with water
Eye Contact	Rinse with water, remove contact lenses, seek medical attention

4. Fire-Fighting Measures

- Not flammable
- Extinguish with foam, CO2, dry powder, or water fog

5. Handling and Storage

- Storage: Keep in tightly closed original containers, cool, well-ventilated place
- Handling: Use with appropriate PPE. Avoid contact with eyes and skin

7. Toxicological Information

- Acute Toxicity (Oral): Not met
- Acute Toxicity (Dermal): Not met
- Acute Toxicity (Inhalation): Not met
- Skin: Not classified
- Eye: Causes serious eye irritation
- Carcinogenicity: Not met

8. Ecological Information

- Not environmentally hazardous
- LC50 (fish): 4630 mg/L/96 hr
- LC50 (Lepomis macrochirus): 10650 mg/L/96 hr
- Naturally occurring - environmentally benign when applied as instructed
- Does not bioaccumulate

9. Transport Information

- Not classified as dangerous goods for transport
- UN Number: Not applicable

10. Disposal Considerations

- Dispose of in accordance with local regulations
- Do not empty into drains