

MIDWEST INDUSTRIAL SUPPLY, INC.
P. O. BOX 8431
CANTON, OHIO 44711 U.S.A.

Emergency Phone Numbers: 330-456-3121

Haul Road Dust Control®

Dust Wetting Additive

MATERIAL SAFETY DATA SHEET

SECTION I -- IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

TRADE NAME: HAUL ROAD DUST CONTROL
CHEMICAL NAME: ANIONIC AND NONIONIC SURFACTANT AGENT
SYNONYMS: DUST WETTING ADDITIVE
CHEMICAL FAMILY: SURFACTANTS
MOLECULAR WEIGHT: N/A
FORMULA: N/A
CAS REGISTRY NO.: MIXTURE - NO NUMBER ASSIGNED

SECTION II -- COMPOSITION/INFORMATION ON INGREDIENTS

<u>NAME</u>	<u>CAS REG NO.</u>	<u>WT. %</u>
Ethyl Alcohol	64-17-5	<6%
Surfactant blend	Blend	>20%

SECTION III -- HAZARDS IDENTIFICATION

Ethyl alcohol Irritant to mouth, upper digestive system, skin and eyes

SECTION IV -- FIRST AID MEASURES

EYES: Flush eyes with flowing water at least 15 minutes, get medical attention.
INHALATION: If irritation occurs move to fresh air and seek medical attention
SKIN: Flush with large amount of water or wash with soap and water. Seek medical attention if irritation occurs.
INGESTION: Give water to drink. Do not induce vomiting. Call a physician.
NEVER GIVE FLUIDS OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAVING CONVULSIONS.

SECTION V -- FIRE FIGHTING MEASURES

FLASH POINT (TEST METHOD): > 135°F (greater than 50% aqueous solutions and does not sustain combustion)
AUTOIGNITION TEMPERATURE: N/D
EXTINGUISHING MEDIUM: Water fog, alcohol foams, Co2, dry chemical
SPECIAL FIREFIGHTING PROCEDURES: Water or foam may cause frothing, use water to cool containers. Use self contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION VI - ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK PROCEDURES: Dike and control spill. Absorb with sand. Failure to contain release may require reporting to local authority. Floor may be slippery. Wear impervious gloves, overalls and eye protection while cleaning spill. Do not wash into drains. Place in containers for proper disposal in accordance with state, federal, and local regulations.

SECTION VII -- HANDLING AND STORAGE

STORAGE: Keep in a cool, dry, ventilated storage area and in closed containers.
HANDLING: Handle in a well ventilated work space.

SECTION VIII -- EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION: None required.
VENTILATION: Local exhaust.
EYE PROTECTION: Chemical splash goggles recommended.
PROTECTIVE CLOTHING: Impervious gloves recommended.
OTHER: None.

Avoid contact with eyes and skin or clothes. All personal protective equipment must comply with appropriate standards and be maintained as indicated.

SECTION IX -- PHYSICAL AND CHEMICAL PROPERTIES

BOILING/MELTING POINT @ 760 mm Hg: N/D
VAPOR PRESSURE mm Hg @ 20°C: N/D
SPECIFIC GRAVITY OR BULK DENSITY: 1.00
SOLUBILITY IN WATER: complete
APPEARANCE: green to yellow tinted liquid
ODOR: Slight Odor
pH: 7.0 – 9.0

SECTION X -- STABILITY AND REACTIVITY

STABILITY: Stable
CHEMICAL INCOMPATIBILITY: Strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS: None known
HAZARDOUS POLYMERIZATION: Does not occur

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SECTION XI -- TOXICOLOGICAL INFORMATION

EFFECTS OF OVEREXPOSURE

INHALATION: Vapors and mists may be irritating to nose, throat and mucous membranes
SKIN: Prolonged contact may cause irritation, local redness and mild discomfort.
EYES: May cause significant eye irritation.
INGESTION: Not classified as harmful if swallowed, may cause irritation of the mouth and upper digestive tract.
LD₅₀ (oral rat) >12 ml/kg

SECTION XII -- ECOLOGICAL INFORMATION

Do not release into bodies of water.

SECTION XIII -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not wash into drains. Do not mix with other waste materials. Comply with all federal, state and local laws, regulations and procedures.
CONTAINER DISPOSAL: Do not re-use containers.

SECTION XIV -- TRANSPORTATION INFORMATION

D.O.T. PROPER SHIPPING NAME (49CFR172.101): None
HAZARDOUS SUBSTANCE (40CFR116): N/A
REPORTABLE QUANTITY (RQ): N/A
D.O.T. HAZARD CLASSIFICATION (49CFR172.101): Non-regulated
D.O.T. PLACARDS REQUIRED: None
POISON CONSTITUENT (49CFR173.343): N/A
BILL OF LADING DESCRIPTION: Liquid dust suppressant, wetting additive
UN No.: N/A
PACKING GROUP: N/A

SECTION XV-- REGULATORY INFORMATION

Haul Road Dust Control is not a restricted article according to the Department of Transportation and International Air Transport Association regulations.

EPA SARA Title III hazard class: None
OSHA HCS hazard class: Irritant (29CFR1910.1200)
TSCA: All components are listed on US TSCA inventory.
EPA SARA Title III Section 313(40CFR372)
Toxic Chemicals present in quantities greater than the "de minimus" level are: None

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WHMIS Classification: The Canadian Workplace Hazardous Material Information System (WHMIS)
Classification: D2B - eye or skin irritant.

SECTION XVI -- OTHER INFORMATION

ABBREVIATIONS AND SYMBOLS:

N/D -Not Determined
< - Less Than

N/A -Not Applicable
> - Greater Than

N/T -Not Tested