

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

Emergency Phone Numbers: 330-456-3121

ENVIRO-MLT™ DD
DEICER PELLETS

MATERIAL SAFETY DATA SHEET

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

TRADE NAME: ENVIRO-MLT™ DD
CHEMICAL NAME: ANHYDROUS SODIUM ACETATE DEICER
SYNONYMS: DEICING AGENT
CHEMICAL FAMILY: N/A
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>
Anhydrous Sodium Acetate	127-09-3	>50

SECTION III -- HAZARDS IDENTIFICATION

Anhydrous Sodium Acetate Non-hazardous

SECTION IV -- FIRST AID MEASURES

EYES: Flush eyes with flowing water at least 15 minutes, get medical attention if irritation persists.

INHALATION: If a person breathes in large amounts of dust, remove to fresh air. If breathing is difficult consult a physician.

SKIN: Flush with large amount of water or wash with soap and water.

INGESTION: For external use only. Ingestion should not be toxic, but could be irritating to digestive system. Drink fluids to minimize effects. Seek medical attention.

NEVER GIVE FLUIDS OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAVING CONVULSIONS.

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SECTION V -- FIRE FIGHTING MEASURES

FLASH POINT (TEST METHOD):	>212°F
AUTOIGNITION TEMPERATURE:	N/D
EXTINGUISHING MEDIUM:	Use extinguishing medium appropriate for surrounding fire.
SPECIAL FIREFIGHTING PROCEDURES:	Avoid breathing vapors. Use typical fire fighting procedures. Wear self contained breathing apparatus if necessary.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Dried material will burn to form carbon monoxide.
NFPA RATINGS:	Health: 1 Flammability: 0 Reactivity: 0 Special: N/A

SECTION VI - ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK PROCEDURES:	Control spill. Transfer material to containers for recovery or disposal. This material is not expected to present an environmental problem.
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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 in normal operations. However, if conditions produce high airborne concentrations use an approved respirator
VENTILATION:	Only necessary if high airborne concentration are likely.
EYE PROTECTION:	Chemical goggles recommended
PROTECTIVE CLOTHING:	Impervious gloves recommended

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OTHER: None

SECTION IX -- PHYSICAL AND CHEMICAL PROPERTIES

BOILING/MELTING POINT @ 760 mm Hg: 615⁰F
VAPOR PRESSURE mm Hg @ 20°C: N/A
SPECIFIC GRAVITY OR BULK DENSITY: 1.53
SOLUBILITY IN WATER: Partial solubility in water
APPEARANCE: White to grey angular of spherical granules
ODOR: Slight Odor
pH: 8.0-10.5 (10% aqueous solution)

SECTION X -- STABILITY AND REACTIVITY

STABILITY: Stable
CHEMICAL INCOMPATIBILITY: Avoid contact with strong oxidizers (chlorates, nitrates and peroxides).
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide
HAZARDOUS POLYMERIZATION: Does not occur
CONDITIONS TO AVOID: N/A
CORROSIVE TO METAL: No
OXIDIZER: No

SECTION XI -- TOXICOLOGICAL INFORMATION

EFFECTS OF OVEREXPOSURE

INHALATION: If inhaled this material is considered non-toxic. High concentrations of dust may cause eye, nose and throat irritation.

SKIN: Not expected to cause irritation. Should be non-toxic internally if applied to the skin.

EYES: Slightly irritating to eyes.

INGESTION: Considered non-toxic to internal organs. May be irritating to digestive tract and cause nausea, vomiting and diarrhea.
Oral rats LC₅₀ = 3530 mg/kg

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<u>CATEGORY</u>	<u>HMIS</u>	<u>NFPA</u>
Health	1	1
Flammability	0	0
Reactivity	0	0
Special	--	--

SECTION XII -- ECOLOGICAL INFORMATION

This material is not expected to present any environmental problem.

SECTION XIII -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

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:	Deicing agent
C NO.:	N/A
UN/NA CODE:	N/A

SECTION XV-- REGULATORY INFORMATION

ENVIRO-MLTTM DD is not a restricted article according to the Department of Transportation and International Air Transport Association regulations.

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EPA SARA Title III hazard class:

None

OSHA HCS hazard class:

Non-OSHA hazardous (29CFR1910.1200)

**EPA SARA Title III Section 313 (40CFR372)
Toxic Chemicals present in quantities greater
than the “de minimus” level are:**

None

This product is not a “controlled product” under the Canadian Workplace Hazardous Material Information System (WHMIS).

SECTION XVI -- OTHER INFORMATION

ABBREVIATIONS AND SYMBOLS:

N.D. - Not Determined
< - LESS THAN

N.A. - Not Applicable
> - MORE THAN

N.T. - Not Tested