



EXTREME DUST CONTROL (EDC) Series

1101 3rd Street
Southeast
Canton, OH 44707 USA
330.456.3121
800.321.0699
www.midwestind.com

SAFETY DATA SHEET

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

TRADE NAME: EXTREME DUST CONTROL (EDC) Series (EDC, EDC HH, Winter))
MANUFACTURER: Midwest Industrial Supply, Inc
1101 3rd Street SE
Canton, OH 44707
EMERGENCY PHONE NUMBER: 330-456-3121
RECOMMENDED USE: Dust Control and winter operating agent
CHEMICAL NAME: Enhanced Dust Suppression and Stabilization and winter operating agent.
SYNONYMS: Dust Retardant freeze conditioning agent

SECTION II -- HAZARDS IDENTIFICATION

CLASSIFICATION: Serious Eye Damage/Eye Irritation
SIGNAL WORD: Warning
HAZARD STATEMENT(S): Causes serious eye irritation

Pictograms



Causes serious eye irritation

PRECAUTIONARY STATEMENT(S): Wash hands and exposed skin thoroughly after handling.
Wear eye/face protection.
If in eyes, rinse thoroughly for several minutes.
If irritation persists, seek medical advice/attention.

OTHER HAZARDS: None

SECTION III -- COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS #	WT %
Calcium Chloride	10043-52-4	<25%
Magnesium Chloride	7786-30-3	<25%
Sodium Chloride	7647-14-5	<10%
Complex Carbohydrate	Non-hazardous	Proprietary
Water	7732-18-5	Balance

SECTION IV -- FIRST AID MEASURES



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INHALATION:	Remove from exposure area to fresh air immediately. If breathing has stopped, give artificial respiration. Keep affected person warm and at rest. Get medical attention.
SKIN:	Wash exposed area twice with soap and water. Exposed area should be examined by medical personnel if irritation or pain persists after the area has been washed.
EYES:	Rinse eyes immediately with large amounts of water for at least 15 minutes, occasionally lifting the eyelids. Get medical attention.
INGESTION:	Do not induce vomiting. Give large amounts of water or milk. Get medical attention.

SECTION V -- FIREFIGHTING MEASURES

EXTINGUISHING MEDIUM:	As this material is virtually not-flammable, use proper equipment to fight surrounding fire.
SPECIAL FIREFIGHTING PROCEDURES:	Firefighter should wear full protective equipment including positive pressure self-contained breathing apparatus. Use normal firefighting procedures.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None
SPECIAL HAZARDS:	None

SECTION VI -- ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Safety glasses and gloves
SPILL AND LEAK PROCEDURES:	For small spills use suitable absorbent material & collect for later disposal. For large spills, the area may require diking to contain the spill. Material can then be collected (e.g. suction) for later disposal. Avoid contamination of drinking water, natural water, ground water or any waterway. Losses incidental to correct industrial use are not expected to be harmful to the environment. Wear appropriate protective equipment during clean-up. After collection of material, flush area with water. Keep out of storm sewers

SECTION VII -- HANDLING AND STORAGE

STORAGE:	Store in a suitable tank or container for chlorides (aluminum and its alloys deteriorate rapidly upon exposure to chlorides and are not recommended.).
HANDLING:	Wear proper clothing and personal protection equipment. Minimize splashing; chlorides can be irritating to eyes and skin.

SECTION VIII -- EXPOSURE CONTROL/PERSONAL PROTECTION



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VENTILATION:	All operations should be conducted in well ventilated conditions.
RESPIRATORY PROTECTION:	When necessary, use an air purifying respirator or mist respirator depending on situation.
EYE PROTECTION:	Safety glasses or chemical goggles.
PROTECTIVE CLOTHING:	Impervious gloves, boots, apron or full body suit, depending on operation.

SECTION IX -- PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Odor:	Mild odor
Vapor Density:	N/D
Solubility in Water:	Fully miscible
Relative Density:	1.20-1.27
Melting/Freezing Point:	- 20 F
VOC Content:	0%
Viscosity:	N/D
Flashpoint:	N/D
Flammable Limits LEL:	N/D
Flammable Limits UEL:	N/D
Odor Threshold:	N/D
Initial Boiling Point/Range:	244.6 °F
Vapor Pressure:	N/A
Evaporation Rate:	N/D
pH:	5
Octanol/Water Coefficient:	N/D
Decomposition Temperature:	N/D
Flammability (solid/gas):	N/A
Auto Ignition Temperature:	N/D

SECTION X -- STABILITY AND REACTIVITY

REACTIVITY:	Hygroscopic substance. No hazardous reactions expected to occur under normal conditions.
CHEMICAL STABILITY:	Stable
CHEMICAL INCOMPATIBILITY:	Flammable hydrogen may be generated when exposed to sodium or zinc. Avoid contact with sulfuric acid.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide. Upon heating toxic chlorine fumes can form.
HAZARDOUS POLYMERIZATION:	None



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CONDITIONS TO AVOID: Corrosive to metals

SECTION XI -- TOXICOLOGICAL INFORMATION

EFFECTS OF OVEREXPOSURE

INHALATION: Vapors are unlikely due to physical properties. Mists may cause irritation to upper respiratory tract.

SKIN: Short exposures are not likely to cause irritation. Prolonged or repeated exposure may cause skin irritation. It may cause more severe irritation if skin is scratched or abraded.

EYES: May be irritating to the eyes.

INGESTION: Small amounts swallowed incidental to normal handling are not likely to cause injury. Swallowing larger amounts may cause gastrointestinal irritation or ulceration.

CARCINOGENICITY: Not classified

GERM CELL MUTAGENICITY: Not classified

REPRODUCTIVE TOXIN: Not classified

ACUTE TOXICITY: For Calcium chloride, magnesium chloride and sodium chloride

LD50 oral rat > 1000 mg/kg

LD50 dermal rat >10,000 mg/kg

SECTION XII -- ECOLOGICAL INFORMATION

Material is practically non-toxic to aquatic organisms (LC50 >50 mg/L in most sensitive species).

SECTION XIII -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Consult your local authorities for regulations. Preferred waste management: recycle or reuse, incinerate with energy recovery, disposal in a licensed facility. Disposal facility should be compliant with state, local and federal government regulations.

SECTION XIV -- TRANSPORTATION INFORMATION

DOT HAZARDOUS MATERIAL DESCRIPTION: Not Hazardous

PROPER SHIPPING NAME: Aqueous dust suppression, freeze conditioning solution

UN NUMBER: N/A

HAZARD CLASS/PACKAGING GROUP: Not Hazardous

LABELS REQUIRED: None



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SECTION XV -- REGULATORY INFORMATION

NFPA RATING:	Health:	1	HMIS RATING:	Health:	1
	Flammability:	0		Flammability:	0
	Instability:	0		Physical Hazard:	0
				PPE:	D

EPA SARA Title III hazard class: Immediate health hazard (irritant).

OSHA HCS hazard class: Eye or skin irritant

EPA SARA Title III Section 313 (40CFR372): None

SECTION XVI -- OTHER INFORMATION

ABBREVIATIONS AND SYMBOLS:

N.D. Not Determined
< Less Than

N.A. Not Applicable
> More Than

N.T. Not Tested