

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

Emergency Phone Number: (330) 456-3121

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S - 3 0 N V O

MATERIAL SAFETY DATA SHEET

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

TRADE NAME: FREEZE FREE[®] S-30 NVO
CHEMICAL NAME: POTASSIUM ACETATE BASED WINTER AGENT
SYNONYMS: FREEZE CONDITIONING 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>
Potassium Acetate	127-08-2	>20

SECTION III -- HAZARDS IDENTIFICATION

Potassium Acetate Non-hazardous

SECTION IV -- FIRST AID MEASURES

EYES: Flush eyes with flowing water at least 15 minutes, get medical attention.
INHALATION: Non-irritating. No first aid required.
SKIN: Flush with large amount of water or wash with soap and water.
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.

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SECTION V -- FIRE FIGHTING MEASURES

FLASH POINT (TEST METHOD): >212°F

AUTOIGNITION TEMPERATURE: N/D

EXTINGUISHING MEDIUM: Non-flammable. Dried material may burn.
Use alcohol foam, CO₂, dry chemical.

SPECIAL FIREFIGHTING PROCEDURES: Avoid breathing vapors. Use typical firefighting procedures.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Dried material will burn to form CO₂ and water.

SECTION VI - ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK PROCEDURES:
Dike and control spill. Transfer liquid to containers for recovery or disposal.
This material is not expected to present an environmental problem.

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: None required

EYE PROTECTION: Chemical splash, goggles recommended

PROTECTIVE CLOTHING: Impervious gloves recommended

OTHER: None

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SECTION IX -- PHYSICAL AND CHEMICAL PROPERTIES

BOILING/MELTING POINT @ 760 mm Hg:	>212°F
VAPOR PRESSURE mm Hg @ 20°C:	N/D
SPECIFIC GRAVITY OR BULK DENSITY:	1.26 to 1.28
SOLUBILITY IN WATER:	Complete
APPEARANCE:	Clear/Green Liquid
ODOR:	Slight Odor
pH:	9-11

SECTION X -- STABILITY AND REACTIVITY

STABILITY:	Stable
CHEMICAL INCOMPATIBILITY:	Avoid contact with acids or strong oxidizers (chlorates, nitrates and peroxides).
HAZARDOUS DECOMPOSITION PRODUCTS:	None known.
HAZARDOUS POLYMERIZATION:	Does not occur
CONDITIONS TO AVOID:	N/A
CORROSIVE TO METAL:	No
OXIDIZER:	No

SECTION XI -- TOXICOLOGICAL INFORMATION

EFFECTS OF OVEREXPOSURE

INHALATION:	Not hazardous when inhaled.
SKIN:	Not expected to cause irritation. Should be non-toxic internally if applied to the skin.
EYES:	Slightly irritating to eyes.

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INGESTION: May be irritating to digestive tract.

<u>CATEGORY</u>	<u>HMIS</u>	<u>NFPA</u>
Health	2	1
Flammability	1	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: Liquid freeze conditioning agent
C NO.: N/A
UN/NA CODE: N/A

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SECTION XV-- REGULATORY INFORMATION

FREEZE FREE[®] S-30 NVO 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: 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