



The Green Edge

**NC-3000 MATERIAL SAFETY DATA SHEET**

**I. IDENTIFICATION AND EMERGENCY INFORMATION**

<b>PRODUCT NAME</b>	NC-3000	<b>MFR/SUPPLIER</b>	Orison Marketing, L.L.C.
<b>PRODUCT DESCRIPTION</b>	Anti-icing/Deicing Fluid		<b>PO Box 5198</b>
<b>APPEARANCE</b>	Clear Blue Green Liquid		Abilene, TX 79608
<b>ODOR</b>	Mild		
		Fax: (325) 690-0569	Tel: (325) 692-1135

**II. COMPONENTS AND HAZARD INFORMATION**

CHEMICAL COMPONENTS	CAS NUMBER	WEIGHT %	OSHA PEL	ACGIH TLV	NTP LISTED	IARC LISTED
Potassium Carboxylates	Mixture	Oct-50	NE	NE	No	No
Complex Carbohydrates	Mixture	Oct-50	NE	NE	No	No
Water	7732-18-5	40 - 60	NE	NE	No	No

**III. TYPICAL PHYSICAL PROPERTIES**

<b>BOILING POINT</b>	ND	<b>SPECIFIC GRAVITY (water=1)</b>	1.27
<b>VAPOR PRESSURE (mm Hg@20C)</b>	ND	<b>PERCENT VOLATILES (by volume)</b>	45
<b>VAPOR DENSITY (air=1)</b>	ND	<b>EVAPORATION RATE (ether=1)</b>	<1
<b>SOLUBILITY IN WATER</b>	Complete	<b>pH DATA (neat)</b>	9
<b>APPEARANCE</b>	Clear Liquid	<b>VISCOSITY @ 40C, cSt.</b>	ND
<b>ODOR</b>	Mild	<b>FREEZING POINT</b>	-36F (-38C)

**IV. FIRE AND EXPLOSION HAZARD INFORMATION**

<b>FLASH POINT (METHOD)</b>	None	<b>FLAMMABILITY LIMITS (% BY VOLUME IN AIR)</b>	<b>AUTOIGNITION TEMPERATURE</b>
		LEL : NA UEL : NA	NA
<b>FIRE AND EXPLOSION HAZARDS</b>	Avoid breathing decomposition products.		
<b>EXTINGUISHING MEDIA</b>	Foam, Dry Chemical, CO2, Water Fog		
<b>SPECIAL FIREFIGHTING PROCEDURES</b>	Wear full protective clothing and self-contained breathing apparatus.		

**V. REACTIVITY INFORMATION**

<b>STABILITY (CONDITIONS TO AVOID)</b>	Stable		
<b>CHEMICAL INCOMPATIBILITY:</b>	Strong oxidizing agents.		
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Oxides of carbon.		
<b>HAZARDOUS POLYMERIZATION</b>	Will not occur.		
<b>CORROSIVE TO METAL</b>	No	<b>OXIDIZER:</b>	No

**HAZARDOUS MATERIALS IDENTIFICATION SYSTEM**

HEALTH 1 FLAMMABILITY 0 REACTIVITY 0 SPECIAL 0

VI. HEALTH HAZARD AND FIRST AID INFORMATION			
<b>ROUTES OF ENTRY</b>		<b>EFFECTS OF OVEREXPOSURE</b>	
<b>INHALATION</b>	None		
<b>EYE CONTACT</b>	May be slightly irritating to eyes.		
<b>SKIN CONTACT</b>	Not a primary skin irritant.		
<b>INGESTION</b>	Low acute oral toxicity.		
<b>EMERGENCY FIRST AID PROCEDURES</b>			
<b>INHALATION</b>	None required.		
<b>EYES</b>	Flush eyes with water for 15 minutes. Get medical attention if warranted.		
<b>SKIN</b>	Remove contaminated clothing and wipe excess from skin. Wash skin with soap and water. If irritation occurs, get medical attention.		
<b>INGESTION</b>	Drink water.		
VII. OCCUPATIONAL CONTROL PROCEDURES			
<b>VENTILATION</b>	Provide local exhaust as necessary.		
<b>RESPIRATORY</b>	None required.		
<b>EYE PROTECTION</b>	Safety glasses or goggles are advisable where splashes to eye may occur.		
<b>SKIN PROTECTION</b>	Rubber gloves are recommended for prolonged or repeated exposure.		
<b>HANDLING AND STORAGE</b>	Store in a dry location away from heat, sparks and other sources of ignition. keep containers closed when not in use. Shelf life exceeds 24 months when properly stored.		
VIII. ENVIRONMENTAL CONTROL PROCEDURES			
<b>SPILL AND LEAK PROCEDURES</b>	Spilled material may be slippery. Small spills can be washed into chemical sewers. Large spills should be collected for disposal. Dike area to contain spill. Absorb in sand, earth, vermiculite or similar material. Wear appropriate protective equipment.		
<b>WASTE DISPOSAL METHODS</b>	Incinerate or dispose of in approved solid waste disposal area per current regulations.		
EPA SARA TITLE III INFORMATION			
SECTION 313 CHEMICAL	CAS #	WEIGHT PERCENT	
None			
IX. ADDITIONAL INFORMATION			
WHILE THE INFORMATION AND RECOMMENDATIONS SET FORTH ON THIS DATA SHEET ARE BELIEVED TO BE ACCURATE AS OF THE PRESENT DATE, METSS AND ORISON MAKE NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.			
<b>DATE PREPARED</b>	June 22, 2000	<b>REVISION DATE</b>	Sept. 24, 2008
<b>EXPLANATION OF ABBREVIATIONS</b>	NE=NOT ESTABLISHED AP=APPROXIMATE	ND=NOT DETERMINED NA=NOT APPLICABLE	TR=TRACE UK=UNKNOWN >=GREATER THAN <=LESS THAN
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