

# O R I S O N

The Green Edge

## IceClear RDF

**MATERIAL SAFETY  
DATA SHEET**

I. IDENTIFICATION AND EMERGENCY INFORMATION						
<b>PRODUCT NAME</b> IceClear RDF			<b>MANUFACTURER/ SUPPLIER</b>		Orison Marketing PO Box 5198 Abilene, TX 79608 (325) 692-1135	
<b>PRODUCT DESCRIPTION/USES</b> Runway Deicer/Anti-Icer						
<b>APPEARANCE AND ODOR</b> Clear Blue Liquid						
<b>EMERGENCY TELEPHONE NUMBER</b> (614) 797-2200						
<b>TELEFAX NUMBER</b> (614) 797-2201						
II. COMPONENTS AND HAZARD INFORMATION						
CHEMICAL COMPONENTS	CAS NUMBER	WEIGHT %	OSHA PEL	ACGIH TLV	NTP LISTED	IARC LISTED
IceClear RDF is a proprietary formulation of potassium acetate solution that contains no hazardous components.						
Potassium Acetate	127-08-2	50	NE	NE	NE	NE
Water	7732-18-5	49	NE	NE	NE	NE
Corrosion Inhibitors	Proprietary	< 1	NE	NE	NE	NE
III. TYPICAL PHYSICAL PROPERTIES						
<b>BOILING POINT</b>		ND	<b>SPECIFIC GRAVITY (water=1)</b>		1.285	
<b>VAPOR PRESSURE (mm Hg@20C)</b>		ND	<b>PERCENT VOLATILES (by volume)</b>		50	
<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>		9.4	
<b>APPEARANCE</b>		Clear Blue	<b>VISCOSITY @ 20C, cSt.</b>		6	
<b>ODOR</b>		Mild	<b>FREEZING POINT</b>		-60C	
IV. FIRE AND EXPLOSION HAZARD INFORMATION						
<b>FLASH POINT (METHOD)</b>		<b>FLAMMABILITY LIMITS (% BY VOLUME IN AIR)</b>		<b>AUTOIGNITION TEMPERATURE</b>		
None		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						
<b>HEALTH</b> 1		<b>FLAMMABILITY</b> 0		<b>REACTIVITY</b> 0		<b>SPECIAL</b> 0
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<b>VI. HEALTH HAZARD AND FIRST AID INFORMATION</b>			
<b>ROUTES OF ENTRY</b>		<b>EFFECTS OF OVEREXPOSURE</b>	
INHALATION	None		
EYE CONTACT	May be slightly irritating to eyes.		
SKIN CONTACT	Not a primary skin irritant.		
INGESTION	Low acute oral toxicity.		
<b>EMERGENCY FIRST AID PROCEDURES</b>			
INHALATION	None required.		
EYES	Flush eyes with water for 15 minutes. Get medical attention if warranted.		
SKIN	Remove contaminated clothing and wipe excess from skin. Wash skin with soap and water. If irritation occurs, get medical attention.		
INGESTION			
<b>VII. OCCUPATIONAL CONTROL PROCEDURES</b>			
VENTILATION	Provide local exhaust as necessary.		
RESPIRATORY	None required.		
EYE PROTECTION	Safety glasses or goggles are advisable where splashes to eye may occur.		
SKIN PROTECTION	Rubber gloves are recommended for prolonged or repeated exposure.		
HANDLING AND STORAGE	Store in a dry location away from heat, sparks and other sources of ignition. keep containers closed when not in use.		
<b>VIII. ENVIRONMENTAL CONTROL PROCEDURES</b>			
SPILL AND LEAK PROCEDURES	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. Absorbent sand, earth, vermiculite or similar material. Wear appropriate protective equipment.		
WASTE DISPOSAL METHODS	Incinerate or dispose of in approved solid waste disposal area per current regulations.		
<b>EPA SARA TITLE III INFORMATION</b>			
<b>SECTION 313 CHEMICAL</b>	<b>CAS #</b>	<b>WEIGHT PERCENT</b>	
None			
<b>IX. ADDITIONAL INFORMATION</b>			
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>	17-Aug-05	<b>REVISION DATE</b>	12/1/10
		Revision:	Description
<b>EXPLANATION OF ABBREVIATIONS</b>	NE=NOT ESTABLISHED	ND=NOT DETERMINED	TR=TRACE
	AP=APPROXIMATE	NA=NOT APPLICABLE	UK=UNKNOWN
			>=GREATER THAN
			<=LESS THAN
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