

ORISON

The Green Edge

IceClear RDF

MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION AND EMERGENCY INFORMATION							
PRODUCT NAME IceClear RDF (formally METSS RDF-1)	MANUFACTURER/ SUPPLIER Orison Marketing PO Box 5198 Abilene, TX 79608 (325) 692-1135						
PRODUCT DESCRIPTION/USES Runway Deicer/Anti-Icer							
APPEARANCE AND ODOR Clear Blue Liquid							
EMERGENCY TELEPHONE NUMBER (614) 797-2200							
TELEFAX NUMBER (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							
BOILING POINT	ND	SPECIFIC GRAVITY (water=1)		1.285			
VAPOR PRESSURE (mm Hg@20C)	ND	PERCENT VOLATILES (by volume)		50			
VAPOR DENSITY (air=1)	ND	EVAPORATION RATE (ether=1)		<1			
SOLUBILITY IN WATER	Complete	pH DATA (neat)		9.4			
APPEARANCE	Clear Blue	VISCOSITY @ 20C, cSt.		6			
ODOR	Mild	FREEZING POINT		-60C			
IV. FIRE AND EXPLOSION HAZARD INFORMATION							
FLASH POINT (METHOD) None	FLAMMABILITY LIMITS (% BY VOLUME IN AIR) LEL : NA UEL : NA		AUTOIGNITION TEMPERATURE NA				
FIRE AND EXPLOSION HAZARDS	Avoid breathing decomposition products.						
EXTINGUISHING MEDIA	Foam, Dry Chemical, CO2, Water Fog						
SPECIAL FIREFIGHTING PROCEDURES	Wear full protective clothing and self-contained breathing apparatus.						
V. REACTIVITY INFORMATION							
STABILITY (CONDITIONS TO AVOID)	Stable						
CHEMICAL INCOMPATIBILITY:	Strong oxidizing agents.						
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of carbon.						
HAZARDOUS POLYMERIZATION	Will not occur.						
CORROSIVE TO METAL	No			OXIDIZER:	No		
HAZARDOUS MATERIALS IDENTIFICATION SYSTEM							
HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	SPECIAL	0
IceClear RDF							
Cage Code: 1GZV7 GSA Contract: GS-07F-0341N							
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VI. HEALTH HAZARD AND FIRST AID INFORMATION			
ROUTES OF ENTRY		EFFECTS OF OVEREXPOSURE	
INHALATION	None		
EYE CONTACT	May be slightly irritating to eyes.		
SKIN CONTACT	Not a primary skin irritant.		
INGESTION	Low acute oral toxicity.		
EMERGENCY FIRST AID PROCEDURES			
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			
VII. OCCUPATIONAL CONTROL PROCEDURES			
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.		
VIII. ENVIRONMENTAL CONTROL PROCEDURES			
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.		
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.			
DATE PREPARED	17-Aug-05	REVISION DATE	7/15/10
EXPLANATION OF ABBREVIATIONS	NE=NOT ESTABLISHED AP=APPROXIMATE	ND=NOT DETERMINED NA=NOT APPLICABLE	TR=TRACE UK=UNKNOWN Description
IceClear RDF			>=GREATER THAN <=LESS THAN
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