



The Green Edge

IceClear HD EXTENDER
Material Safety Data Sheet

I. IDENTIFICATION AND EMERGENCY INFORMATION							
PRODUCT NAME:	IceClear HD EXTENDER	MANUFACTURER/	Orison Marketing, L.L.C.				
PRODUCT DESCRIPTION	Corrosion Inhibitor Extender	SUPPLIER	4801 South Danville Dr. Abilene, TX 79608				
APPEARANCE	Orange Semi-Viscous Liquid	Fax: (325) 690-0569	Tel: (325) 692-1135				
ODOR	Odorless						
II. COMPONENTS AND HAZARD INFORMATION							
CHEMICAL COMPONENTS	CAS NUMBER	WEIGHT %	OSHA PEL	ACGIH TLV	NTP LISTED	IARC LISTED	
Glycerin	56-81-5	15 - 25	15 mg/m2TWA	10 mg/m3 TWA	NE	NE	
Water	7732-18-5	50 - 75	NE	NE	NE	NE	
Proprietary Organic Inhibitors	Blend	<20					
All listed ingredients appear on the TSCA inventory.							
Proposition 65 statement: This product DOES NOT contain any chemical(s) known to the state of California to cause cancer and/or birth defects.							
This product is not a WHMIS controlled product in Canada and all ingredients listed appear on the DSL.							
III. TYPICAL PHYSICAL PROPERTIES							
BOILING POINT	@219F	SPECIFIC GRAVITY (water=1)			1.16		
VAPOR PRESSURE (mm Hg@100C)	ND	VOC's			None Known		
VAPOR DENSITY (air=1)	ND	EVAPORATION RATE (ether=1)			<1		
SOLUBILITY IN WATER	Complete	pH DATA (neat)			7.5-9		
APPEARANCE	Orange	VISCOSITY @ 20C, cSt.			@4		
ODOR	Odorless	FREEZING POINT			@20F		
IV. FIRE AND EXPLOSION HAZARD INFORMATION							
FLASH POINT (METHOD)	None	FLAMMABILITY LIMITS (% BY VOLUME IN AIR)		AUTOIGNITION TEMPERATURE			
		LEL : NA	UEL : NA	NA			
FIRE AND EXPLOSION HAZARDS	When aqueous glycerin is tested, it will not flash until enough water has evaporated to bring the glycerin content to about 97.5% by weight. It will then flash at 375F(190 C) 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 and reducing agents, strong acids. (hydrogen peroxide, nitric acid, etc.)						
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of carbon, nitrogen						
HAZARDOUS POLYMERIZATION	Will not occur.						
CORROSIVE TO METAL	No			OXIDIZER:	No		
HAZARDOUS MATERIALS IDENTIFICATION SYSTEM							
HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	SPECIAL	0
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VI. HEALTH HAZARD AND FIRST AID INFORMATION			
ROUTES OF ENTRY		EFFECTS OF OVEREXPOSURE	
INHALATION	Mists may cause moderate irritation of the nose, throat and respiratory tract.		
EYE CONTACT	May cause irritation.		
SKIN CONTACT	May cause slight irritation.		
INGESTION	May irritate digestive tract and cause nausea, vomiting and/or diarrhea.		
EMERGENCY FIRST AID PROCEDURES			
INHALATION	Remove person to fresh air. Seek medical attention if symptoms develop and persist.		
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	Do not induce vomiting. Consult a physician. Never give anything by mouth to an unconscious person.		
VII. OCCUPATIONAL CONTROL PROCEDURES			
VENTILATION	Provide local exhaust as necessary. To maintain exposures below the TLV.		
RESPIRATORY	Normally, none required; Misting TLV 10mg/m3 (ACGIH & OSHA)		
EYE PROTECTION	Safety glasses or goggles are advisable where splashes to eye may occur.		
SKIN PROTECTION	Rubber or other suitable gloves are recommended for prolonged or repeated exposure. Advice should be sought from a glove supplier.		
HANDLING AND STORAGE	Store in a dry location away from heat, sparks and other sources of ignition. keep containers closed when not in use. Store away from strong oxidizing agents and strong acids.		
VIII. ENVIRONMENTAL CONTROL PROCEDURES			
SPILL AND LEAK PROCEDURES	Spilled material may be slippery. 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	Dispose in accordance with all applicable federal, state, provincial and local regulations. It is the responsibility of the waste generator to determine the proper waste classification and disposal method.		
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, ORISON MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.			
DATE PREPARED	December 07, 2011	REVISION DATE	
EXPLANATION OF ABBREVIATIONS	NE=NOT ESTABLISHED AP=APPROXIMATE	ND=NOT DETERMINED NA=NOT APPLICABLE	TR=TRACE UK=UNKNOWN >=GREATER THAN <=LESS THAN
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