

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA's Hazard Communication Standard CFR 1910.1200 and OSHA Form 174.

N/A SIGNIFIES NON-APPLICABLE

	UPPLIERS INF	URIMATIC	N							
PRODUCT NAME:	ODUCT NAME: ADENA 9000			HEMICAL FAMILY: Acid Descaler						
PRODUCT NUMBER:	AD9000	FORMULA:	FORMULA:		PROPRIETARY		HMIS HAZARDOUS MATERIALS			
UPPLIER'S NAME: ADENA TECHNOLOGIES			PHONE NUMB	PHONE NUMBER: (888) 247		12	HEALTH		3	
SUPPLIER'S ADDRESS: 101 Technology Lane		ne EMERGENCY N		NO.:	.: (800) 255-3924		FLAMMABILITY			
	Export, PA 15632				06/19/07					
									0	
SHIPPING NAME: CONSUMER COMMODITY (ORM-D			-D)				MAX PERSONAL PROTECTION			
SECTION 1 - ING	REDIENT IDEN	ITIFICATI	ON AND INFOR	MAT	ION					
CHEMICAL NAME		CARC.	CAS NO.	CAS NO.		SEC. 313	PEL	TWA-TLV	STEL-TLV	
Hydrochloric Acid		No	7647-01-0		<20	No	5 ppm	5 ppm		
SECTION 2 - PHYSICAL/CHEMICAL PROPERTIES				SE		3 - FIRE/EXPLOSION HAZARD DATA				
OILING POINT:		212°F (100°C) / ND		FLA	FLAMMABILITY: (FLAME PROJECTION) N/A AUTO IGNITION TEMP: N/A					
APOR PRESSURE:				FLASH POINT: NA FLAMMABILITY LIMITS: N/A						
VAPOR DENSITY: SOLUBILITY IN WATER:					EXTINGUISHER MEDIA: Not combustible					
SPECIFIC GRAVITY: 1.08			SPECIAL FIRE FIGHTING					ar self-contained b	oreathing	
pH RANGE: <1 EVAPORATION RATE (Water=1): ≈1					apparatus. UNUSUAL FIRE & EXPLOSION HAZRDS: Contact with many metals will liberate					
EVAPORATION RATE (W VOLATILE RATE:		≈1 >95%			hydrogen gas that can form an explosive environment.					
PHYSICAL DESCRIPTION		Light yellow liquid with biting,								
		pungent odor								
SECTION 4 - REA	CTIVITY HAZA	ARD DATA	4							
TABILITY:		Stable								
ICOMPATIBILITY:		Strong alka								
ONDITIONS TO AVOID: AZARDOUS DECOMPOS	ITION PRODUCTS		es above 200°F (93°C). hloride, hydrogen gas.							
AZARDOUS POLYMERIZ		Will not occ								
SECTION 5 - HEA	LTH HAZARD	DATA AN	ID FIRST AID							
									al al dia codula a a a	
SKIN: May ca	use imitation and burns		SKIN				and flush expose or develops, get r			
					I	Launder contar	ntaminated clothing before reuse.			
EYES: Will pro	uce immediate irritation.						lush eyes with large amounts of water for 15 get medical attention.			
	are extremely irritating		INHA	LATION: I		sh air. Aid in breathing, if necessary, and get medica				
cause immediate irritation of breathing passages. NGESTION: Immediate destruction to esophageal linings. Can l				INGE	ESTION: If swallowed, DO NOT INDUCE VOMITING. Get medical attention immediately. Never give anything by mouth to an					
						unconscious pe	erson.			
SECTION 6 - CON										
ESPIRATORY PROTECT						eeded to maint	ain P.E.L.			
ENTILATION: ROTECTIVE CLOTHING:			aust to maintain exposur al suit, boots – as neces			contact.				
		les and/or full		20. 9 10	F. O. O. N. ONAT C					
YE PROTECTION:	Onerniear gogg									
YE PROTECTION: THER PRECAUTIONS: YGIENIC WORK PRACTION	Safety shower	and eyewash f	ountains should be easi work area. Wash hand				ete di ele di 1			

 STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:
 Avoid skin contact. Keep upwind. Neutralize with appropriate material and place in suitable container for proper disposal. Flush neutralized residues with water to sanitary sewer.

 WASTE DISPOSAL METHODS:
 Corrosive. Dispose of in accordance with all Federal, State, and Local regulations.

 PRECAUTION IN STORAGE AND HANDLING:
 Empty containers may contain regulations.

 OTHER PRECAUTIONS:
 Hazardous waste 40CFR261. Hazardous waste number D002. KEEP OUT OF REACH OF CHILDREN.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without any warranty or guarantee of any kind.