



MATERIAL SAFETY DATA SHEET

Printed: 02/06/2004

I Chemical Product and Company Identification	Product Name TRIAX III		Emergency (800)831-9889		
	Product Code 32620100 UPC-A 774205554520 SCC		Medical(Collect) (303)592-1024		
	Manufacturer AMERICLEAN SYSTEMS, INC. 26935 NORTHWESTERN HWY, SUITE 400 SOUTHFIELD, MI 48034		Chemtree (800)424-9300 Date 05/06/1999		
	Chemical Family HYDROGEN PEROXIDE				
II Composition/ Information on Ingredients	Chemical Name of Hazardous Ingredient HYDROGEN PEROXIDE 7722-84-1	% 35	Exposure Limits TLV 1.4	Units MG/M3	
III Hazards Identification	Signs and Symptoms of Exposure	CORROSIVE TO EYES, NOSE THROAT AND LUNGS. MAY CAUSE IRREVERSIBLE TISSUE DAMAGE TO EYES INCLUDING BLINDNESS. MAY CAUSE SKIN IRRITATION			
	A C U T E				
	C H R O N I C				
	HMIS:	Health 2	Flammability 0	Reactivity 1	Personal Protection H
	Conditions Aggravated	SENSITIVE SKIN, RESPIRATORY AILMENTS			
	Carcinogen Info	NTP	IARC	OSHA	
Target Organs or System	EYES, NOSE, THROAT AND LUNGS				
Routes of Exposure:	Inhalation ☒	Skin ☐	Ingestion ☒		
IV First Aid Measures	Inhalation	REMOVE TO FRESH AIR. IF BREATHING DIFFICULTY OR DISCOMFORT OCCURS AND PERSISTS, CONTACT A MEDICAL DOCTOR			
	Eyes	IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER EYELIDS INTERMITTENTLY. SEE A MEDICAL DOCTOR OR OPHTHALMOLOGIST IMMEDIATELY			
	Skin	WASH SKIN WITH PLENTY OF SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION OCCURS OR PERSISTS			
	Ingestion	RINSE MOUTH WITH WATER. DILUTE BY GIVING 1 OR 2 GLASSES OF WATER. DO NOT INDUCE VOMITTING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEE MEDICAL DOCTOR IMMEDIATELY			
V Fire Fighting Measures	Fire Control Measures/ Equipment	WEAR PROTECTIVE EQUIPMENT AND SCBA WHEN FIGHTING FIRES			
	Flammable Property Info				
	Explosion Info	PRODUCT IS NONCOMBUSTIBLE. ON DECOMPRESSION RELEASES OXYGEN WHICH MAY INTENSIFY FIRE			
	Extinguishing Media	FLOOD WITH WATER			
	Gases	OXYGEN WHICH SUPPORTS COMBUSTION			

VI Accidental Measures	Spill and Leak Clean UP Procedures DILUTE WITH LARGE VOLUMES OF WATER AND HOLD IN A POND OR DIKED AREA UNTIL HYDROGEN PEROXIDE DECOMPOSES. HYDROGEN PEROXIDE MAY DECOMPOSE BY ADDING SODIUM METABISULFATE OR SODIUM SULFITE AFTER DILUTING TO ABOUT 5%. DISPOSE IN ACCORDANCE TO LOCAL/STATE/FEDERAL REGULATIONS				
	Environmental Precaution:				
VII Handling and Storage	Ventilation Required? REQUIRED		Instructions PREVENT MIST OR VAPORS		
	Safe Storage, Handling and Use Instructions				
	Incompatible Materials REDUCING AGENTS,WOOD,PAPER,OTHER COMBUSTIBLES,IRON,HEAVY METALS				
VIII Exposure Controls/ Personal Protection	Protective Gloves RUBBER OR NEOPRENE				
	Eye Protection CUP TYPE GOGGLES, FULL FACE SHIELD				
	Respiratory Protection IF CONCENTRATIONS IN EXCESS 1.4 MG.M3 ARE EXPECTED USE SCBA. DO NOT USE OXIDIZABLE SORBANTS SUCH AS ACTIVE CARBON				
	Other Protective Clothing Equipment RUBBER OR NEOPRENE FOOTWEAR. AVOID LEATHER. IMPERVIOUS CLOTHING SUCH AS RUBBER, NEOPRENE, NITRILE OR POLYVINYL CHLORIDE				
IX Physical and Chemical Properties	Characteristics of Hazardous Chemical				
	Vapor Pressure 23 MmHg@ 30 °C		Vapor Density(Air=1) NAV		pH 3.1 Water Solubility 100 %
	Appearance & Odor CLEAR, COLORLESS LIQUID; NO ODOR				
	Boiling Point 228 °F		Melting Point NAV °F		Flammability Limits in Air By Volume: Upper NAP Lower NAP
	Flash Point NAP °F		Auto Ignition NAP °F		Oxidizing Properties STRONG OXIDIZER
	Specific Gravity 1.13			Volatile by Volume 100 %	
	Evaporation Rate(n-Butyl Acetate=1) >1				
X Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive				
	Reactivity and Hazardous Polymerization				
	Possible Hazardous Reactions				
	Conditions to Avoid EXCESSIVE HEAT OR CONTAMINATION				
	Materials To Avoid DIRT, ORGANICS, CYANIDES AND COMBUSTIBLES SUCH AS PAPER, WOOD, OILS, ETC				
	Hazardous Decomposition Products OXYGEN SUPPORTS COMBUSTION				
XI Toxicological Information					
XII Ecological Information	Possible Effects and Environmental Fate HYDROGEN PEROXIDE IN AQUATIC DECOMPOSES WATER				
	Degradability				
	Aquatic Toxicity				
XIII Disposal Consideration	Method of Disposal, Residues and Safe Handling AN ACCEPTABLE METHOD OF DISPOSAL IS TO DILUTE WITH LARGE AMOUNTS OF WATER AND ALLOW HYDROGEN PEROXIDE TO DECOMPOSE FOLLOWED BY DISCHARGE INTO SUITABLE TREATMENT SYSTEM IN ACCORDANCE WITH ALL REGULATORY AGENCIES. THE APPROPRIATE AGENCIES SHOULD BE CONTACTED PRIOR TO DISPOSAL. RCRA REGULATED HAZARD WASTE D001 AND D002				
	Disposal of Contaminated Material OXYGEN SUPPORTS COMBUSTION				
XIV Transport Information	HYDROGEN PEROXIDE, AQUEOUS SOLUTION WITH NOT LESS THAN 20%, BUT NOT MORE THAN 40% HYDROGEN PEROXIDE (STABILIZE AS NECESSARY), 5.1,(8),UN2014,PGII,NAERG#140				
XV-Regulatory Information					
XVI-Other Information					
S.A.R.A. Title III Section 313					
State Right to Know Information	HYDROGEN PEROXIDE- CAS #7722-84-1 WATER- CAS #7732-18-5				