

ETOWAH CHEMICAL
SALES & SERVICE
P.O. BOX 4416
GADSDEN, AL 35904-0416
(800) 848-8541



N. F. P. A.
4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

HEALTH	3
FIRE	0
REACTIVITY	1
PERSONAL PROTECTION	B

Material Safety Data Sheet

24 Hour Emergency Telephone Number: (800) 535-5053

SECTION I - IDENTIFICATION

Product Name	SC-485-LF	Date last Revised	AUG 2009
Chemical Family	ACID, PHOSPHOTIZER	Item Number	ETC-1234
Proper D.O.T. Shipping Name	Corrosive Liquid, n.o.s		
D.O.T. Hazard Classification	8, UN-1760, PG II, (contains Phosphoric Acid)		BIODEGRADABLE

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

% By Weight	Material	PEL	T. L. V.	C. A. S. No.
< 10.0	PHOSPHORIC ACID	1mg/m3	1mg/m3	7664-38-2
	Balance non-hazardous ingredients			

SECTION III - PHYSICAL DATA

Boiling Point	225 DEG F	pH (Conc.)	2.5-2.9
Solubility In Water	COMPLETE	pH (Use Dilution)	1% 3.0-3.5
% Volatility By Weight	80-85	Evaporation Rate	WATER=1 > 1
Specific Gravity	1.130	Physical Form	LIQUID
Appearance And Odor	CLEAR, RED LIQUID, NO ODOR		

SECTION IV - FIRE AND EXPLOSION DATA INGREDIENTS/IDENTITY INFORMATION

Flash Point	NONE
Extinguishing Media	REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL
Flammable Limits	N/A
Special Fire Fighting Procedures	WEAR SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATE IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES
Unusual Fire and Explosion Hazards	NONE

SECTION V - REACTIVITY DATA

Stability	STABLE
Conditions to Avoid	OXIDIZERS
Incompatibility	AVOID STRONG ALKALIES, OXIDIZERS, CHLORINE BLEACH
Hazardous Decomposition Products	NONE
Hazardous Polymerization	WILL NOT OCCUR

SECTION VI - HEALTH HAZARD		(PAGE 2 OF SC-485-P)
Routes(s) of Entry	Inhalation? NO	Skin? NO Ingestion? YES
Health Hazards (Acute and Chronic)	EYES: WILL CAUSE IRRITATION. SKIN: WILL CAUSE IRRITATION INHALATION: VAPORS ARE IRRITATING TO MUCOUS MEMBRANE. MIST MAY CAUSE PULMONARY EDEMA. INGESTION: RESULTS IN SEVERE DAMAGE TO MUCOUS MEMBRANES.	
Carcinogenicity	NTP? NO	IARC Monographs? NO OSHA Regulated? NO
Emergency Aid and First Aid Procedures	EYES: FLUSH WITH WATER FOR 20 MINUTES WHILE CALLING FOR IMMEDIATE MEDICAL ATTENTION. SKIN: FLUSH WITH RUNNING WATER AND IF PROLONGED SKIN CONTACT, SEEK MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. INGESTION: DO NOT INDUCE VOMITING. DILUTE WITH WATER. GIVE MILK OF MAGNESIA. SEEK MEDICAL ATTENTION.	
SECTION VII - SPILL OR LEAK PROCEDURES		
Spill Response	COVER THE CONTAMINATED SURFACE WITH SODIUM BICARBONATE (BAKING SODA), OR SLAKED LIME AND ADD WATER TO FORM A SLURRY. SCOOP UP SLURRY AND WASH DOWN SITE WITH SODIUM BICARBONATE SOLUTION.	
Waste Disposal Method	DILUTE WITH WATER, ADJUST ph WITH SODIUM BICARBONATE TO A ph ABOVE 6.0, THEN FLUSH TO SANITARY SEWER OR SEND TO SANITARY LANDFILL, FOLLOWING LOCAL, STATE AND FEDERAL REGULATIONS	
SECTION VIII - SPECIAL PROTECTION INFORMATION		
Eye Protection	WHEN EYE CONTACT MAY OCCUR, WEAR SAFETY GLASSES CHEMICAL SPLASH GOGGLES.	
Skin Protection	WEAR RUBBER GLOVES.	
Ventilation	NORMAL ROOM VENTILATION.	
Respiratory Protection	NONE REQUIRED	
Other Protection	NEOPRENE APRON AND GLOVES	
SECTION IX - SPECIAL PRECAUTIONS		
Precautions in Handling and Storage	KEEP OUT OF REACH OF CHILDREN. KEEP AWAY FROM OXIDIZING AGENTS AND ALKALIES. RINSE CONTAINERS BEFORE DISPOSAL. REPORTABLE UNDER	
Other Precautions	SAFETY SHOWER, EYE BATH AND WASHING FACILITIES SHOULD BE AVAILABLE.	
PREPARED BY: David Brunton, Chemist		
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