

**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

<b>HEALTH</b>	<b>2</b>
<b>FIRE</b>	<b>0</b>
<b>REACTIVITY</b>	<b>1</b>
<b>PERSONAL PROTECTION</b>	<b>C</b>

## Material Safety Data Sheet

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

### SECTION I - IDENTIFICATION

<b>Product Name</b>	<b>SC-510 FOOD GRADE ACID CLEANER</b>	<b>Date last Revised</b>	AUG 2009
<b>Chemical Family</b>	ACID CLEANER	<b>Item Number</b>	<b>ETC-1086</b>
<b>Proper D.O.T. Shipping Name</b>	CORROSIVE LIQUID, n.o.s.		
<b>D.O.T. Hazard Classification</b>	8, UN-1760, PG III (contains PHOSPHORIC ACID)		

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

% By Weight	Material	PEL	T. L. V.	C. A. S. No.
<40	PHOSPHORIC ACID SARA TITLE III SECTION 311 AND 312 IS REQUIRED IF OVER 10,000 POUNDS IS STORED ON SITE. SECTION 313 REPORTING IF 20,000 POUNDS IS USED PER YEAR.	1 mg/m3	3 mg/m3	7664-38-2
	Balance non-hazardous ingredients			

### SECTION III - PHYSICAL DATA

<b>Boiling Point</b>	220 DEG F	<b>pH (Conc.)</b>	BELOW 1.5
<b>Solubility In Water</b>	COMPLETE	<b>pH (Use Dilution)</b>	1% 1.8
<b>% Volatility By</b>	<50	<b>Evaporation Rate</b>	WATER=1 > 1
<b>Specific Gravity</b>	1.225	<b>Physical Form</b>	LIQUID
<b>Appearance And</b>	CLEAR, COLORLESS, SLIGHT ACID ODOR		

### SECTION IV - FIRE AND EXPLOSION DATA INGREDIENTS/IDENTITY INFORMATION

<b>Flash Point</b>	NONE
<b>Extinguishing Media</b>	REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL
<b>Flammable Limits</b>	N/A
<b>Special Fire Fighting Procedures</b>	WEAR SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES
<b>Unusual Fire and Explosion Hazards</b>	THIS ACID REACTS WITH MOST METALS TO RELEASE HYDROGEN GAS, WHICH MAY FORM AN EXPLOSIVE MIXTURE WITH AIR

### SECTION V - REACTIVITY DATA

<b>Stability</b>	STABLE
<b>Conditions to Avoid</b>	OXIDIZERS
<b>Incompatibility</b>	AVOID STRONG ALKALIES, OXIDIZERS, CHLORINE BLEACH
<b>Hazardous Decomposition Products</b>	MAY FORM TOXIC ACID VAPORS
<b>Hazardous Polymerization</b>	WILL NOT OCCUR

<b>SECTION VI - HEALTH HAZARD</b>		(PAGE 2 OF SC-510 FD)	
Routes(s) of Entry	Inhalation? NO	Skin? NO	Ingestion? NO
Health Hazards (Acute and Chronic)	<b>EYES:</b> WILL CAUSE BURNS AND DAMAGE. <b>SKIN:</b> WILL CAUSE IRRITATION AND BURNS ON PROLONGED CONTACT. <b>INHALATION:</b> MISTS ARE IRRITATING TO MUCOUS MEMBRANE. MIST MAY CAUSE PULMONARY EDEMA. <b>INGESTION:</b> RESULTS IN DAMAGE TO MUCOUS MEMBRANES.		
Carcinogenicity	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
Emergency Aid and First Aid Procedures	<b>EYES:</b> FLUSH WITH WATER FOR 20 MINUTES WHILE CALLING FOR IMMEDIATE MEDICAL ATTENTION. <b>SKIN:</b> FLUSH WITH RUNNING WATER AND IF PROLONGED SKIN CONTACT, SEEK MEDICAL ATTENTION. <b>INHALATION:</b> REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. <b>INGESTION:</b> DO NOT INDUCE VOMITING. DILUTE WITH WATER. GIVE MILK OF MAGNESIA. <b>SEEK MEDICAL ATTENTION</b>		
<b>SECTION VII - SPILL OR LEAK PROCEDURES</b>			
Spill Response	CLEAN-UP PERSONAL MUST WEAR PROTECTIVE EQUIPMENT. 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 <b>ABOVE</b> 6.0, THEN FLUSH TO SANITARY SEWER FOLLOWING LOCAL, STATE AND FEDERAL REGULATIONS		
<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>			
Eye Protection	WEAR SAFETY GLASSES CHEMICAL SPLASH GOGGLES.		
Skin Protection	WEAR NEOPRENE GLOVES.		
Ventilation	NORMAL ROOM VENTILATION.		
Respiratory Protection	If TLV of any component is exceeded, use a NIOSH approved full face respirator.		
Other Protection	NEOPRENE APRON AND BOOTS		
<b>SECTION IX - SPECIAL PRECAUTIONS</b>			
Precautions in Handling and Storage	<b>KEEP OUT OF REACH OF CHILDREN.</b> KEEP AWAY FROM OXIDIZING AGENTS AND ALKALIES. RINSE CONTAINERS BEFORE DISPOSAL.		
Other Precautions	SAFETY SHOWER, EYE BATH AND WASHING FACILITIES SHOULD BE AVAILABLE.		
<b>PREPARED BY: David Brunton, Chemist</b>			
Disclaimer of Liability. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of the material. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Conforms to OSHA 174 , Sep. 1985.			