

# American Hoechst Corporation

Route 202-206 North • Somerville, New Jersey 08876  
Telex 833-449 • Cable Hoechstus, Somerville, N.J.



## MATERIAL SAFETY DATA SHEET

THE EMERGENCY PHONE NUMBER IS: (201) 231 2244

PAGE 1 OF 4

<b>SECTION I</b>		<b>IDENTIFICATION</b>		<b>VERSION DATE: 09/04/85</b>	
PRODUCT NAME: ENCO PLATE CLEANER					
CHEMICAL SYNONYMS: LITHOGRAPHIC PLATE PROCESSING SOLUTION					
CHEMICAL FAMILY: ACID-PETROCHEMICAL SOLUTION					
PRODUCT CODE: 510060639			CAS NUMBER:		
<b>SECTION II</b>		<b>HAZARDOUS INGREDIENTS</b>			
<b>INGREDIENT</b>		<b>PCNT</b>	<b>HAZARD DATA</b>		
HIGH BOILING PETROLEUM SPIRITS CAS # 64741-41-9, 64742-95-6		20%	INHALATION-FIRE		
NITRIC ACID CAS # 7697-37-2		3%	IRRITANT, INHALATION, TLV TWA: 2 PPM, 5 MG/M3		
PHOSPHORIC ACID CAS # 7664-38-2		3%	IRRITANT, INHALATION, TLV TWA: 1 MG/M3		
<b>SECTION III</b>		<b>PHYSICAL DATA</b>			
<b>MELTING POINT:</b> DOES NOT APPLY		<b>SOLUBILITY IN WATER:</b> MISCIBLE		<b>VISCOSITY:</b> NOT MEASURED	
<b>BOILING POINT:</b> >100°C		<b>PH:</b> NOT MEASURED		<b>DROP POINT:</b> DOES NOT APPLY	
<b>DENSITY:</b> NOT MEASURED		<b>% VOLATILE:</b> 95		<b>IGNITION TEMPERATURE:</b> DOES NOT APPLY	
<b>SPECIFIC GRAVITY:</b> 0.97		<b>EVAPORATION RATE:</b> < ETHER		<b>REFRACTIVE INDEX:</b> DOES NOT APPLY	
<b>DECOMPOSITION TEMP:</b> DOES NOT APPLY		<b>VAPOR PRESSURE:</b> DOES NOT APPLY		<b>FREEZING POINT:</b> DOES NOT APPLY	
<b>ACID NUMBER:</b> DOES NOT APPLY		<b>VAPOR DENSITY:</b> > AIR			
<b>APPEARANCE AND ODOR:</b> COLORLESS LIQUID, SWEET ODOR.					
<b>SECTION IV</b>		<b>FIRE AND EXPLOSION HAZARDS</b>			
<b>FLASH POINT</b>		<b>EXPLOSIVE LIMIT</b>		<b>LOWER</b> <b>UPPER</b>	
<b>VALUE</b>	<b>SCALE</b>	<b>METHOD</b>			
158°F		OPEN CUP	NOT DETERMINED		
112°F		CLOSED CUP			

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ENCO PLATE CLEANER

<b>SECTION IV, CONT.</b>		<b>FIRE AND EXPLOSION HAZARDS</b>		
EXTINGUISHING MEDIA: WATER, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL				
SPECIAL PROCEDURES: USE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.				
UNUSUAL HAZARDS: EMITS TOXIC AND CORROSIVE FUMES UNDER FIRE CONDITIONS.				
<b>SECTION V</b>		<b>HEALTH INFORMATION</b>		
EFFECTS OF OVEREXPOSURE: IRRITANT TO SKIN AND EYES.				
<b>TOXICITY: TEST</b>	<b>DOSE</b>	<b>UPPER LIMIT</b>	<b>U/M</b>	<b>DURATION</b>
DETAILS UNKNOWN				
<b>SECTION VI</b>		<b>OCCUPATIONAL EXPOSURE LIMITS</b>		
THRESHOLD LIMIT-	NITRIC PHOSPHORIC	PPM- 2.	MG/CM3-	5. 1.
TEXT: SEE SECTION II.				
<b>SECTION VII</b>		<b>EMERGENCY AND FIRST AID PROCEDURE</b>		
INHALATION: CONSULT PHYSICIAN IF IRRITATION OF RESPIRATORY PASSAGES OCCURS.				
EYE CONTACT: FLUSH THOROUGHLY WITH WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL HELP.				

188

# American Hoechst Corporation

Route 202-206 North • Somerville, New Jersey 08876  
Telex 833-449 • Cable Hoechstus, Somerville, N.J.



## MATERIAL SAFETY DATA SHEET

PAGE 3 OF 4

PRODUCT NAME: ENCO PLATE CLEANER

<b>SECTION VII, CONT. EMERGENCY AND FIRST AID PROCEDURES</b>	
<b>SKIN CONTACT:</b> IMMEDIATELY REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER.	
<b>INGESTION:</b> GET IMMEDIATE MEDICAL HELP.	
<b>ADDITIONAL MEASURES:</b> NONE	
<b>SECTION VIII REACTIVITY DATA</b>	
<b>CHEMICAL STABILITY</b> <input type="checkbox"/> UNSTABLE, <input checked="" type="checkbox"/> STABLE	<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> MAY OCCUR, <input checked="" type="checkbox"/> WILL NOT OCCUR
<b>CONDITIONS TO AVOID:</b> EXCESSIVE HEAT	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> OXIDES OF NITROGEN	
<b>SECTION IX SPILL OR LEAK PROCEDURES</b>	
<b>SPILL OR LEAK PROCEDURES:</b> REMOVE ALL SPARKING DEVICES OR IGNITION SOURCES. COLLECT ONTO INERT ABSORBENT. PLACE IN SUITABLE CONTAINER. RINSE RESIDUAL WITH WATER.	
<b>WASTE DISPOSAL:</b> DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS.	

# American Hoechst Corporation

Route 202-206 North • Somerville, New Jersey 08876  
Telex 833-449 • Cable Hoechstus, Somerville, N.J.



## MATERIAL SAFETY DATA SHEET

PAGE 4 OF 4

PRODUCT NAME: ENCO PLATE CLEANER

<b>SECTION X</b>	<b>EMPLOYEES PROTECTION:</b>
<b>RESPIRATORY PROTECTION:</b> CHEMICAL CARTRIDGE RESPIRATOR RECOMMENDED FOR EXPOSURES EXCEEDING TLV. SEE SECTION II.	
<b>PROTECTIVE CLOTHING:</b> CLOTHING SUITABLE TO PREVENT SKIN CONTACT. SAFETY GOGGLES OR FULL FACE SHIELD. RUBBER GLOVES.	
<b>ADDITIONAL MEASURES:</b> LOCAL EXHAUST RECOMMENDED	
<b>SECTION XI</b>	<b>SPECIAL PRECAUTIONS</b>
STORE IN ORIGINAL CONTAINER. KEEP TIGHTLY SEALED.	
<b>SECTION XII</b>	<b>TRANSPORTATION AND OTHER REGULATORY REQUIREMENTS</b>
<b>DOT PROPER SHIPPING NAME:</b> COMPOUND, CLEANING, LIQUID	
<b>DOT CLASSIFICATION</b> CORROSIVE MATERIAL UN/NA: NA 1760	
<b>OTHER DOT REQUIREMENTS:</b> SEE 49 CFR 172.101	
<b>OTHER REGULATORY CONTROLS:</b> SOME COMPONENTS MAY BE REGULATED UNDER STATE RIGHT TO KNOW LAWS.	