

TICONIUM CO DIVISION OF CMP INDUSTRIES INC -- TI-LECTRO POLISHING SOLUTION - 1700B --  
6520-01-213-5771

===== Product Identification =====

Product ID:TI-LECTRO POLISHING SOLUTION - 1700B

MSDS Date:02/01/1992

FSC:6520

NIIN:01-213-5771

MSDS Number: BSSBY

=== Responsible Party ===

Company Name:TICONIUM CO DIVISION OF CMP INDUSTRIES INC

Address:413 N PEARL ST

City:ALBANY

State:NY

ZIP:12207-1311

Country

:US

Info Phone Num:518-434-3147/800-424-9300(CHEMTREC)

Emergency Phone Num:518-434-3147

CAGE:65024

=== Contractor Identification ===

Company Name:TICONIUM CO DIVISION OF CMP INDUSTRIES INC

Address:413 N PEARL ST

Box:City:ALBANY

State:NY

ZIP:12207-1311

Country:US

Phone:518-434-3147

CAGE:65024

===== Composition/Information on Ingredients =====

Ingred Name:PHOSPHORIC ACID (SARA III)

CAS:7664-38-2

RTECS #:TB6300000

Fraction by Wt: 85% %

Other REC Limits:NONE RECOMMENDED

OSHA PEL

:1 MG/M3  
ACGIH TLV:1 MG/M3/3 STEL; 9394  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:NON HAZARDOUS INGREDIENTS  
Fraction by Wt: BALANCE  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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LD50 LC50 Mixture:TLV = 1 MG/M3  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:CAUES EYE BURNS, SKIN BURNS. BREATHING  
MIST CAN CAUSE DAMAGE TO NASAL A  
ND RESPIRATORY PASSAGES. SWALLOWING  
RESULTS IN SEVERE DAMAGE TO MUCOUS MEMBRANES.  
Explanation of Carcinogenicity:THIS PRODUCT IS NOT LISTED BY IARC, NTP  
OR OSHA AS A CARCINOGEN, MUTAGEN, TERATOGEN OR NEUROTOXIN.  
Effects of Overexposure:EYE BURNS, SKIN BURNS, NASAL PASSAGE DAMAGE,  
RESPIRATORY PASSAGE DAMAGE, MUCOUS MEMBRANE DAMAGE.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:SKIN:  
IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. GET  
MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHES/SHOES. EYES:  
IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, LIFTING UPPER AND  
LOWER LIDS. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE  
VOMITING. DILUTE BY GIVING WATER. GET MEDICAL ATTENTION.  
INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL  
ATTENTION.

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Fire Fighting Measures  
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Flash Point:NONFLAMMABLE  
Lower Limits:NO  
T GIVEN  
Upper Limits:NOT GIVEN  
Extinguishing Media:WATER FOG  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER  
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:ACID REACTS WITH MOST METALS TO RELEASE  
HYDROGEN GAS WHICH CAN FORM EXPLOSIVE MIXTURES WITH AIR.

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Accidental Release Measures  
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Spill Release Procedures:FLUSH DOWN DRAIN WI

TH LARGE AMOUNTS OF WATER  
IN ACCORDANCE WITH APPLICABLE REGULATIONS.

Neutralizing Agent:SODA ASH AND SLAKED LIME

===== Handling and Storage =====

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE  
HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT  
RESIDUES, ALL HAZARD PRECAUTIONS MUST BE FOLLOWED.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

===== Exposure Controls/Personal Protection =====

Re

spiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION  
EXOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER  
CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR  
SELECTION.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL  
EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV'S.

Protective Gloves:NEOPRENE, NITRILE RUBBER, PVC

Eye Protection:CHEMICAL SPLASH GOGGLES AND FACE SHIELD

Other Protective Equipment:WEAR IMPERVIOUS CLOTHIN  
G AND BOOTS

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT  
AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. DISCARD SHOES SATURATED  
WITH THIS PRODUCT.

===== Physical/Chemical Properties =====

HCC:C3

Boiling Pt:B.P. Text:317F,158C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:6

Vapor Density:3.4

Spec Gravity:1.689-1.701

Evaporation Rate & Reference:NOT GIVEN

Solub

ility in Water:NOT GIVEN  
Appearance and Odor:NOT GIVEN  
Percent Volatiles by Volume:15 %

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
AVOID CONTACT WITH STRONG ALKALIS  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

===== Disposal Considerations =====

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING  
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR  
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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