

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

===== Hazards Identification =====

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 AND 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.

===== First Aid Measures =====

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

===== Fire Fighting Measures =====

Flash Point:NONFLAMMABLE
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:WATER FOG
Fir
e 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.

===== Accidental Release Measures =====

Spill Release Procedures:FLUSH DOWN DRAIN WITH LARGE AMOUNTS OF WATER
IN ACCORDANCE WITH APPLICABLE REGU

LATIONS.

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 =====

Respiratory 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 CLOTHING AND BOOTS

Work Hygienic Practices:WASH WITH SOAP AND WATER AFT
ER 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

Solubility in Water:NOT GIVEN

Appearance and Odor:NOT GIVEN

Percent V

olatiles 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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