

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

Coun

try: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 NASA
L 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:SKI
N: 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.

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

Flash Point:NONFLAMMABLE
Lower Limits
:NOT 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.

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

Spill Release Procedures:FLUSH DOWN DRAIN

WITH 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 =====

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 CLOT
HING 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

So

lubility 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 SURROUNDIN

G

ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should

seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.