

SULZER PLASMA TECHNIK, INC. -- AMDRY 301 AND CDS 1301 POWDER -- 3439-01-380-6752

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

Product ID:AMDRY 301 AND CDS 1301 POWDER

MSDS Date:02/25/1992

FSC:3439

NIIN:01-380-6752

MSDS Number: BYHLP

=== Responsible Party ===

Company Name:SULZER PLASMA TECHNIK, INC.

Address:1972 MEIJER DRIVE

City:TROY

State:MI

ZIP:48084

Country:US

Info Phone Num:313-288-1200

Emergency Phone

Num:800-424-9300

CAGE:53654

=== Contractor Identification ===

Company Name:SULZER PLASMA TECHNIK INC

Address:1972 MEIJER DR

Box:84310

City:TROY

State:MI

ZIP:48084-0310

Country:US

Phone:313-288-1200

CAGE:53654

Company Name:SULZER PLASMA TECHNIK, INC.

Box:UNKNOW

CAGE:63765

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

Ingred Name:TUNGSTEN

CAS:7440-33-7

RTECS #:YO7175000

Fraction by Wt: 88%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3

Ingred Name:CO

BALT
CAS:7440-48-4
RTECS #:GF8750000
Fraction by Wt: 12%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.1 MG/M3
ACGIH TLV:0.1 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS: LUNGS, DIGESTIVE
SYSTEM, SKIN. CHRONIC EXPOSURE MAY CAUSE CORNEAL DMAGE,
POLYCYTHEMIA, HYPERPLASIA OF THE THYROID GLAND, AND DAMAGE T
O THE
APLHA CELLS OF THE PANCREAS.
Explanation of Carcinogenicity:NOT LISTED.
Effects of Overexposure:NAUSEA, ABDOMINAL PAIN, VOMITING, DIARRHEA,
BURNING SENSATION, INTERSTITIAL PNEUMONITIS, MAY CAUSE
SENSITIZATION IN SUSCEPTIBLE INDIVIDUALS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES-IRRIGATE IMMEDIATELY WITH COPIOUS AMOUNTS OF WATER. GET
MEDICAL ATTENTION. SKIN-IMMEDI
ATELY FLUSH SKIN WITH SOAP & WATER.
IF ANY IRRITATION PERSIST AFTER WASHING, GET MEDICAL ATTENTION.
INHALATIO N-MOVE TO FRESH AIR AT ONCE. IF BREATHING HAS STOPPED,
PERFORM CPR. KEEP WARM & AT REST. GET MEDICAL ATTENTION AS SOON AS
POSSIBLE. INGESTION-GIVE 2 GLASSES OF MILK OR WATER. INDUCE
VOMITING. GET AID.

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

Flash Point:NA
Autoignition Temp:Autoignition Temp Text:NA
Lower Limits:NA
Upper Limits:NA
Extingu

ishing Media:DRY CHEMICAL OR SAND.
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.
Unusual Fire/Explosion Hazard:FINELY DIVIDED DUST MAY IGNITE WHEN IN
CONTACT WITH A FLAME.

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

Spill Release Procedures:PROTECTIVE EQUIPMENT SHOULD BE WORN TO PREVENT
CONTACT OR INHALATION. COLLECT MATERIAL BY WET SWEEPING, DRY
SWEEPING WITH A SWEEPING COMPOUND, OR BY VACUUM CLEANING WITH AN
EXPLOSION PROOF APPARATUS E QUIPP
ED WITH A HEPA FILTER.

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

Handling and Storage Precautions:KEEP PRODUCT DRY AND IN CLOSED
CONTAINERS. DO NOT STORE NEAR MINERAL ACIDS.
Other Precautions:HAZARD CLASS NONE.

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

Respiratory Protection:USE NIOSH APPROVED PARTICULATE RESPIRATOR
WHENEVER DUST MAY BE DETECTED IN THE AIR.
Ventilation:USE AN ADEQUATE LOCAL EXHAUST VENTILATION SYSTEM FOR ANY
OPE
RATIONS LIKELY TO PRODUCE DUST, MIST OR FUME.
Protective Gloves:IMPERVIOUS GLOVES, HEAT RESISTANT GLOVES
Eye Protection:SAFETY GLASSES, SHADED LENS GOGGLES.
Other Protective Equipment:WEAR SAFETY FOOTWARE. WEAR PROTECTIVE
CLOTHING AT ALL TIMES. EAR PROTECTION SHOULD BE WORN. SAFETY SHOWER
& EYE WASH.
Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER HANDLING POWDER OR
ITS BY-PRODUCTS. KEEP WORK AREA CLEAN. DO NOT EAT OR DRINK IN WORK
AREA.
Supplemental Safety and Health
LAUNDER
PROTECTIVE CLOTHING AND GLOVES AS REQUIRED. CHANGE CLOTHING
DAILY.

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

HCC:N1
Boiling Pt:B.P. Text:NA
Melt/Freeze Pt:M.P/F.P Text:NA
Decomp Temp:Decomp Text:NA
Vapor Pres:NA
Vapor Density:NA
Spec Gravity:NA
pH:NA
Evaporation Rate & Reference:NA
Solubility in Water:NONE
Appearance and Odor:DUSTY POWDER/NO ODOR.
Percent Volatiles by Volume:NA
Corrosion Rate:NA

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

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Stability Indicator/Materials to Avoid: YES
CHLORINE TRIFLUORIDE, FLUORINE, NITROGEN DIOXIDE, NITROUS OXIDE, IODINE
PENTAFLUORIDE, LEAD OXIDE AND ACETYLENE.
Stability Condition to Avoid: OZONE & NITRIC OXIDE ARE FORMED BY HIGH
TEMPERATURE PLASMA OR COMBUSTION JET.
Hazardous Decomposition Products: NA

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

Waste Disposal Methods: SALVAGE MATERIAL FOR ON-SITE REUSE OR RECYCLING,
OR CONTACT THE APPROPRIATE LOCAL GOVERNMENT
AUTHORITY FOR GUIDANCE
ON ACCEPTABLE WASTE STORAGE AND DISPOSAL METHODS.

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