

DU PONT E I DE NEMOURS AND INC -- V009

MSDS Safety Information

FSC: 9660  
NIIN: 01-197-4302  
MSDS Date: 01/12/1995  
MSDS Num: BZXVF  
Product ID: V009  
MFN: 01  
Responsible Party  
Cage: 0BA38  
Name: DU PONT E I DE NEMOURS AND CO INC, ELECTRONICS DIV  
Address: 14 T W ALEXANDER DR  
Box: 13999  
C  
ity: DURHAM NC 27709-5000  
Info Phone Number: 919-248-5681/800-284-3382  
Emergency Phone Number: 919-248-5681/800-284-3382  
Proprietary Ind: Y  
Review Ind: Y  
Published: Y

Preparer Co. when other than Responsible Party Co.

Cage: 0BA38  
Name: DU PONT E I DE NEMOURS AND CO INC CHEM  
Address: DELLE DONNE CORPORATE CTR  
City: WILMINGTON DE 19880-0800

Contractor Summary

Cage: 0BA38  
Name: DU PONT E I DE NEMOURS AND CO INC CHEM  
Address: DELLE DONNE CORPORATE CTR  
City: WILMINGTON DE 19880-0800  
Phone: 800-441-7515  
Cage: 0VUU9  
Name: EI DUPONT DE NEMOURS & CO  
Address: UNKNOWN  
Box: UNKNOW  
City: UNKNOWN NK 00000  
Phone: UNKNOWN

Item Description Information

Item Manager:

S9I  
Item Name: ADDITIVE,SILVER POWDER  
Unit of Issue: JR  
Quantitative Expression: 00000000100GR  
UI Container Qty: 1

Ingredients

Name: \*\*\* PROPRIETARY \*\*\*

Health Hazards Data

Route Of Entry Inds - Inhalation: YES  
Skin: NO  
Ingestion: NO  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: SILVER-HUMAN EFFECTS OF HIGHER LEVEL ACUTE, REPEATED/CHRONIC OVEREXPOSURE MAY CAUSE ARGYRIA.  
Explanation Of Carcinogenicity: NONE  
Signs And Symptions Of Overexposure: ARGYRIA.  
First Aid: SKIN/EYES: IMMEDIATELY FLUSH W/WATER FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Handling and Disposal

Spill Release Procedures: SMALL: VACUUM/WET MOP. DON'T SWEEP. LARGE: EVACUATE AREA. WEAR PROTECTIVE EQUIPMENT. USE SUPPLIED-AIR RESPIRATORY PROTECTION IF DUST CONCENTRATIONS UNKNOWN. VACUUM. DON'T SWEEP. DON'T FLUSH TO SEWER/GROUND. WASH AREA THOROUGHLY. VENTILATE AREA.  
Waste Disposal Methods: SPILL RESIDUE, CLEANING RAGS & ABSORBENT MAY BE REFINED TO RECOVER PRECIOUS METAL CONTENT. DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

Handling And Storage Precautions: STORE IN A COOL, DRY LOCATION. AVOID GENERATING AIRBORNE DUST.  
Other Precautions: EMPTY PRODUCT CONTAINERS, CONTAMINATED CLOTHING & CLEANING MATERIALS SHOULD BE CONSIDERED HAZARDOUS UNTIL DECONTAMINATED/PROPERLY DISPOSED OF. DON'T SMOKE/CONSUME/STORE FOOD/DRINKS IN AREAS WHERE PROD UCT IS HANDLED/STORED.

Fire and Explosion Hazard Information

Exti

Extinguishing Media: CO2, WATER SPRAY, DRY CHEMICAL.

Fire Fighting Procedures: WEAR A FULL FACEPIECE, POSITIVE PRESSURE SCBA & FULL PROTECTIVE CLOTHING. DECONTAMINATE CONTAMINATED CLOTHING & EQUIPMENT W/SOAP & WATER.

Unusual Fire/Explosion Hazard: FINE POWDERS MAY ACCUMULATE SUBSTANTIAL STATIC CHARGES & BECOME A SOURCE OF STATIC SPARKS.

=====  
Control Measures  
=====

Respiratory Protection:

NIOSH/MSHA/OSHA APPROVED AIR PURIFYING RESPIRATOR W/DUST/MIST CARTRIDGE/CANNISTER WHERE AIRBORNE CONCENTRATIONS ARE EXPECTED TO

EXCEED LIMITS. POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR IF POTENTIAL FOR UNCONTROLLED RELEASE. (SEE SUPP)

Ventilation: LOCAL EXHAUST: ADEQUATE TO KEEP EXPOSURES <APPLICABLE LIMITS. TOTALLY ENCLOSED HANDLING SYSTEMS ALSO PREFERRED.

Protective Gloves: NITRILE-BUTADIENE RUBBER/NEOPRENE

Eye Protection: CHEMICAL-SPLASH GOGGLES

Other Protective Equipment:

BUTYL RUBBER GLOVES, PROTECTIVE OUTER CLOTHING

Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health: RESPIRATORY PROTECTION: POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR-EXPOSURE LEVELS UNKNOWN. APPROVED AIR-PURIFYING RESPIRATOR-HANDLING AT ELEVATED TEMPS W/OUT SUFFICIENT VENTILATION. APPROVED DUST RESPIRATOR-IN DUSTY ATMOSPHERES. HIGH EFFICIENCY PARTICLE FILTER/SUPPLIED AIR RESPIRATOR-DUST/FUMES >APPLICABLE LIMITS.

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

Solubility in Water: SLIGHT

Appearance and Odor: WHITE POWDER W/NO ODOR.

=====  
Reactivity Data  
=====

Stability Indicator: YES

Stability Condition To Avoid: HIGH TEMPS.

Materials To Avoid: OXIDIZING AGENTS.

Hazardous Decomposition Products:

ts: HIGH TEMPS: CO, CO2, WATER.  
Hazardous Polymerization Indicator: NO  
=====

Toxicological Information  
=====

Ecological Information  
=====

MSDS Transport Information  
=====

Regulatory Information  
=====

Other Information  
=====

HAZCOM Label  
=====

Product ID: V009  
Cage: 0BA38  
Company Name: DU PONT E I DE NEMOURS AND CO INC CHEM  
Street: DELLE DONNE CORPORATE CTR  
City:  
WILMINGTON DE  
Zipcode: 19880-0800  
Health Emergency Phone: 919-248-5681/800-284-3382  
Label Required IND: Y  
Date Of Label Review: 12/16/1998  
Status Code: C  
Label Date: 12/16/1998  
Origination Code: G  
Hazard And Precautions: SILVER-HUMAN EFFECTS OF HIGHER LEVEL ACUTE,  
REPEATED/CHRONIC OVEREXPOSURE MAY CAUSE ARGYRIA.  
ARGYRIA.

=====

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

lated for use by elements of the Department of Defense.

The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civil

ian employee of the

United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.