

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072



IDENTITY SELENIUM ARSENIC DRUMS FOR DC-313Z, 313ZD, 3255, 3285, 4055, 4085, 5055, 5555, 5585, 5585H, 7085, 1824ZS

Section I

Manufacturer's Name U.S. FUJI ELECTRIC, INC.	Emergency Telephone Number (201)-288-6900
DISTRIBUTORS NAME AND ADDRESS MITA COPYSTAR AMERICA, INC.	Telephone Number for Information (201)-288-6900
777 TERRACE AVE., PO BOX 813	Date Prepared MARCH 1, 1990
HASBROUCK HEIGHTS, NJ 07604	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	TO NEAREST 5% (optional)
ALUMINUM (CAS NO. 7429-90-5)		10mg/m ³	NONE	95%
ARSENIC TRISELENIDE (CAS NO. 1303-36-2)		N/A	NONE	3%
ARSENIC & SOLUBLE COMPOUND		0.2mg/m ³	NONE	2%

ARSENIC TRISELENIDE IS A HARD VITREOUS SUBSTANCE. WHEN COATED IT STRONGLY ADHERES TO AN ALUMINUM SUBSTRATE, SO THERE IS NO HAZARD AS LONG AS THE DRUM IS USED AS INTENDED.

Section III — Physical/Chemical Characteristics

Boiling Point	1526° - 1598°F	Specific Gravity (H ₂ O = 1)	4.8 - 5.8
Vapor Pressure (mm Hg.)	N/A	Melting Point	671° - 689°F
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	NEGLIGIBLE		
Appearance and Odor	DULL GRAY FINISH AND ODORLESS		

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	LEL	N/A	UEL	N/A
Extinguishing Media	IF PRODUCT BECOMES INVOLVED IN A FIRE, USE DRY CHEMICAL.					
Special Fire Fighting Procedures	SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTION AGAINST DUST AND FUMES. (IN CASE THAT A LARGE QUANTITY OF DRUMS PRODUCES FUMES OR VAPORS AT A HIGH TEMP.)					
Unusual Fire and Explosion Hazards	SAME PRECAUTIONS AS ABOVE.					

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid	NONE
	Stable	X		

Incompatibility (Materials to Avoid) **STRONG OXIDIZING AGENTS, STRONG ACID.**

Hazardous Decomposition or Byproducts **As₂O₃, AsH₃, SeO₂, H₂Se**

Hazardous Polymerization	May Occur		Conditions to Avoid	NONE
	Will Not Occur	X		

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? **NO** Skin? **NO** Ingestion? **NO**
ARSENIC TRISELENIDE

Health Hazards (Acute and Chronic)

APPROVED VALUE OF As₂Se₃ IN AN ORAL TOXICITY TEST IS UNKNOWN.

Carcinogenicity: NTP? **NOT SPECIFIED** IARC Monographs? **NOT SPECIFIED** OSHA Regulated? **NO**

AMES TEST RESULTS INDICATE THAT As₂Se₃ IS NOT A CARCINOGEN.

Signs and Symptoms of Exposure **NONE**

Medical Conditions Generally Aggravated by Exposure **NONE**

Emergency and First Aid Procedures **N.A.**

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

NO SPECIAL PRECAUTION

Waste Disposal Method **RETURN USED DRUMS TO DISTRIBUTOR THEN TO THE MANUFACTURER FOR DISPOSAL.**

Precautions to Be Taken in Handling and Storing

STORE IN ITS CARDBOARD CONTAINER TO PROTECT AGAINST CHIPPING.

Other Precautions **NONE**

Section VIII — Control Measures

Respiratory Protection (Specify Type) **NO**

Ventilation	Local Exhaust	NO	Special	NO
	Mechanical (General)	NO	Other	NO

Protective Gloves **NONE REQUIRED UNDER NORMAL USE.** Eye Protection **NONE REQUIRED UNDER NORMAL USE.**

Other Protective Clothing or Equipment **NONE REQUIRED UNDER NORMAL USE.**

Work/Hygienic Practices **NONE**