

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 DRUM REFINER FOR ALL SELENIUM TELLURIUM DRUMS

Section I

Manufacturer's Name MITA INDUSTRIAL CO., LTD.	Emergency Telephone Number (201)-288-6900
Address (Number, Street, City, State, and ZIP Code) 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)
HEPTANE (CAS NO. 142-82-5)	2,000mg/m ³	1,600g/m ³	NONE	70%
(NONE HAZARDOUS INGREDIENTS)				
CERIUM OXIDE (CAS NO. 1306-38-3)				30%

Section III — Physical/Chemical Characteristics

Boiling Point	98°C	Specific Gravity (H ₂ O = 1) (at 25°C)	0.683
Vapor Pressure (mm Hg.)	40mmHg	Melting Point	-91°C
Vapor Density (AIR = 1)	3.45	Evaporation Rate (Butyl Acetate = 1)	0.12
Solubility in Water	0.005%		

Appearance and Odor
 COLORLESS LIQUID AND PECULIAR ODOR

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) -1°C (ABCL-PENSKY)°	Flammable Limits	LEL 1.2 VOL%	UEL 6.7 VOL%
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Extinguishing Media
 IF PRODUCT BECOMES INVOLVED IN A FIRE, USE FOAM OR CARBON DIOXIDE EXTINGUISHER.

Special Fire Fighting Procedures
 NONE

Unusual Fire and Explosion Hazards
 NONE UNDER NORMAL STORAGE AND USE CONDITIONS.

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	NONE

Incompatibility (Materials to Avoid) NONE

Hazardous Decomposition or Byproducts

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

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? POSSIBLE BUT VERY UNUSUAL Skin? NO Ingestion? POSSIBLE BUT VERY UNUSUAL

Health Hazards (Acute and Chronic)

IF INHALED, YOU WILL FEEL GIDDY AND INTOXICATED.

Carcinogenicity: NTP? N.A. IARC Monographs? N.A. OSHA Regulated? N.A.

Signs and Symptoms of Exposure IF CONTACTING WITH IT FOR A LONG TIME, YOUR SKIN BECOMES ROUGH.

Medical Conditions Generally Aggravated by Exposure NONE

Emergency and First Aid Procedures IF SKIN CONTACT OCCURS, WASH WITH SOAP AND WATER. IF EYE CONTACT OCCURS, FLUSH THOROUGHLY WITH WATER AND SEEK MEDICAL TREATMENT. IF INGESTION OCCURS, DILUTE STOMACH CONTENTS WITH SEVERAL GLASSES OF WATER AND SEEK MEDICAL TREATMENT.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

KEEP OF FIRE, WIPE WITH CLOTH.

Waste Disposal Method

DISPOSE IN ACCORDNACE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Precautions to Be Taken in Handling and Storing

STORE IN A COOL, DRY AND DARK PLACE.

Other Precautions DO NOT INHALE A LARGE QUANTITY OF THE VAPOR.

Section VIII — Control Measures

Respiratory Protection (Specify Type) NONE REQUIRED UNDER NORMAL USE

Ventilation	Local Exhaust NONE REQUIRED UNDER NORMAL USE	Special NONE REQUIRED UNDER NORMAL USE
	Mechanical (General) NONE REQUIRED UNDER NORMAL USE	Other NONE REQUIRED UNDER NORMAL USE

Protective Gloves NONE REQUIRE UNDER NORMAL USE Eye Protection NONE REQUIRED UNDER NORMAL USE

Other Protective Clothing or Equipment NONE REQUIRED UNDER NORMAL USE

Work/Hygienic Practices NONE REQUIRED UNDER NORMAL USE