

PCH 033



651

Material Safety Data Sheet

U.S. Department of Labor

Occupational Safety and Health Administration

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072

Must be used to comply with
 U.S. Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

IDENTITY (As Used on Label and List) Cleaning Dispersant
EC-1 for Gestetner PM-10 Platemaker

Note: Blank spaces are not permitted. If any item is not applicable, or no
 information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name <u>Iwatsu Electric Company, Ltd.</u>	Emergency Telephone Number <u>Tokyo 271-5131</u>
Address (Number, Street, City, State, and ZIP Code) <u>Yanagiya Building</u>	Telephone Number for Information <u>Tokyo 271-5131</u>
<u>1-10 Nihonbashi 2 - Chome</u>	Date Prepared <u>September 1986</u>
<u>Chuo-Ku Tokyo 103 Japan</u>	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	% (optional)
<u>Ethyl Cyclohexane</u>		<u>500 ppm</u>		<u>< 100%</u>
<u>Oil soluble dye</u>				<u>< 1%</u>

Section III — Physical/Chemical Characteristics

Boiling Point	<u>°F</u>	<u>264.2 ~ 276.8</u>	Specific Gravity (H ₂ O = 1)	<u>0.79</u>
Vapor Pressure (mm Hg)			Melting Point	<u>N/A</u>
Vapor Density (Air = 1)		<u>3.87</u>	Evaporation Rate (Butyl Acetate = 1)	<u>1.45</u>
Solubility in Water	<u>negligible</u>			
Appearance and Odor	<u>pinkish liquid, little odor</u>			

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	<u>closed cap 19°C</u>	Flammable Limits	LEL <u>1%</u>	UEL <u>8%</u>
Extinguishing Media	<u>Dry chemical powder, foam fog, nozzle applied water spray.</u>			

Special Fire Fighting Procedures

Use water spray to cool fire exposed surfaces and to protect personnel. Boil-over may occur. Use air-supplied rescue equipment in enclosed areas. Shut off "Fuel" to fire.

Unusual Fire and Explosion Hazards

Carbon monoxide evolved if combustion incomplete. Liquid can release vapors that can form flammable mixtures upon moderate heating to temperatures at or above flash point.

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Don't store or mix with strong oxidants like

chlorine and concentrated oxygen.

Incompatibility (Materials to Avoid)

chlorine and concentrated oxygen

Hazardous Decomposition or Byproducts

carbon monoxide if combustion incomplete

Hazardous Polymerization

May Occur

Will Not Occur

Conditions to Avoid

X

Section VI — Health Hazard Data

Route(s) of Entry:

Inhalation?

X

Skin?

X

Ingestion?

X

Health Hazards (Acute and Chronic)

Signs and Symptoms of Exposure

Inhalation of high concentrations can produce central nervous system depression which can in turn lead to a loss of coordination, impaired judgment and if exposure is prolonged result in stupor or unconsciousness. Prolonged or repeated contact with skin will dry and defat it eventually causing irritation and dermatitis.

Carcinogenicity:

NTP?

NK

IARC Monographs?

NK

OSHA Regulated?

NK

Emergency and First Aid Procedures

If overcome by vapors remove to fresh air and if breathing stopped give artificial respiration. Keep individual calm and call physician. If accidental skin or eye contact occurs, remove any contaminated clothing and flush area with water until irritation subsides. In case of accidental ingestion, vomiting should NOT be induced due to the hazard of solvent aspiration and subsequent chemical pneumonitis. Call a physician

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Remove all ignition sources. Keep people away.

Recover free liquid, add absorbent to spill area. Avoid breathing vapors, ventilate enclosed spaces - open all windows and doors.

Waste Disposal Method

Ensure conformity to local disposal regulations - consult an expert

on removal of material.

Precautions to Be Taken in Handling and Storing

Don't store or mix with strong oxidants.

Other Precautions

Keep container closed when not in use. Don't handle or store near open flame, heat, sparks or strong oxidants. Adequate ventilation required.

Section VIII — Control Measures

Respiratory Protection (Specify Type)

Organic vapor canisters or cartridges. In emergencies in high concentrations use self-contained

Ventilation

Local Exhaust

Use natural or mechanical (general)

Special

breathing apparatus.

Mechanical (General)

Other

ventilation to keep concentration below TLV

Protective Gloves

Chemically resistant if prolonged skin contact

Eye Protection

Other Protective Clothing or Equipment

none

Chemical splash goggles or face shield if

needed

Work/Hygienic Practices

none