

U.S. DEPARTMENT OF LABOR
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME Westinghouse Electric Corporation		EMERGENCY TELEPHONE NO.
ADDRESS (Number, Street City, State and ZIP Code) Newton Bridge Road Athens, GA. 30613		
CHEMICAL NAME AND SYNONYMS Electrical Insulating Oil (Inhibited)	TRADE NAME AND SYNONYMS WEMCO CI	
CHEMICAL FAMILY Petroleum Hydrocarbon	FORMULA Complex mixture of petroleum hydrocarbons.	

SECTION II HAZARDOUS INGREDIENTS

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SECTION III PHYSICAL DATA

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BOILING RANGE		SPECIFIC GRAVITY (H ₂ O=1)	
IBP - FBP	550-750°F	@ 15°C	.878
VAPOR PRESSURE (mm. Hg.)		PERCENT VOLATILE BY VOLUME (%)	
@ 20°C	< 0.01		Negligible
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (n-BUTYL ACETATE=1)	
	8.9		< 0.01
SOLUBILITY IN WATER			
	Negligible		

APPEARANCE AND ODOR

Water white colored liquid. Slight petroleum odor.

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)	FLAMMABLE OR EXPLOSIVE LIMITS	LOWER LIMIT	UPPER LIMIT
Cleveland Open Cup 160°C (320°F)	(PERCENT BY VOLUME IN AIR)	1%	7%

EXTINGUISHING MEDIA

Foam, dry chemical, CO₂, or water fog or spray.

SPECIAL FIRE FIGHTING PROCEDURES

Use air-supplied breathing equipment for enclosed areas.

Cool exposed containers with water spray. Avoid breathing vapor or fumes.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Do not mix or store with strong oxidants like liquid chlorine or concentrated oxygen.

SECTION V HEALTH HAZARD DATA

INHALATION HAZARD

5 mg/m³ for oil mist in air. (OSHA Regulation 29 CFR 1910.1000)

EFFECTS OF OVEREXPOSURE

Prolonged or repeated skin contact may cause mild skin irritation.

EMERGENCY AND FIRST AID PROCEDURES

If ingested DO NOT induce vomiting, Call a Physician. In case of skin contact, wash thoroughly with soap and warm water. If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY: Acidic liquid Strong oxidants like: liquid chlorine, concentrated oxygen, sodium or calcium hypochlorite....			
HAZARDOUS DECOMPOSITION PRODUCTS			
Fumes, smoke, carbon monoxide, and sulfur oxides, in the case of incomplete combustion.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Recover free liquid. Add absorbent (sand, earth, sawdust, etc.) to spill area. Keep petroleum products out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas.

WASTE DISPOSAL METHOD

Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste disposal site or facility.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: ~~Special use~~ Normally not needed. Use supplied-air respiratory protection in confined or enclosed spaces.

VENTILATION	LOCAL EXHAUST	SPECIAL
	Use local exhaust to capture fumes and vapors.	Provide greater than 60 fpm hood face velocity for confined spaces.
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES		EYE PROTECTION
Use chemical resistant gloves if needed to avoid prolonged skin contact.		Use splash goggles or face shield when eye contact may occur.
OTHER PROTECTIVE EQUIPMENT		
Use chemical resistant apron or other clothing if needed to avoid prolonged skin contact.		

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING

Keep containers closed when not in use. Do not handle or store near heat, sparks, flame or strong oxidants.

OTHER PRECAUTIONS

Avoid breathing oil mist. Remove oil-soaked clothing and launder before re-use. Discard oil-soaked shoes. Wash skin thoroughly with soap and water after handling.

FOR ADDITIONAL INFORMATION ON HEALTH EFFECTS CONTACT:

Westinghouse Headquarters Industrial Hygiene
412-256-1361

FOR OTHER PRODUCT INFORMATION CONTACT:

Matls. & Manufacturing Technology
H.A. Pearce 412-983-4295