



ASEA BROWN BOVERI

SECTION I

MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION 5/8/90 REV. NO. 90-1

MANUFACTURER'S NAME

ABB POWER T&D COMPANY INC.

EMERGENCY TELEPHONE NO.

901-696-5561

ADDRESS (STREET, CITY, STATE AND ZIP CODE)

HWY. 412, ALAMO, TN 38001

PRODUCT DESCRIPTION

ELECTRICAL INSULATING OIL

TRADE NAME

WEMCO C

PRODUCT NUMBER

55822AG

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS	PERCENT	TLV ACGIH	CAS#
COMPLEX MIXTURE OF PETROLEUM HYDROCARBONS	100%	5 mg/m ³ (oil mists)	Mixture of: 64741-96-4 64742-45-6, etc.

SECTION III - PHYSICAL PROPERTIES

BOILING RANGE 285-400°C (550-750°F)	VAPOR DENSITY (AIR = 1) 8.9 <input checked="" type="checkbox"/> HEAVIER <input type="checkbox"/> LIGHTER THAN AIR	EVAPORATION RATE (ETHER=1) 0.001
LATILE BY VOLUME Negligible	SPECIFIC GRAVITY 0.878 @ 15°C	VAPOR PRESSURE IN mmHg 0.001 @ 20°C
APPEARANCE AND ODOR Water white or pale yellow liquid. Slight petroleum odor.	SOLUBILITY IN WATER Negligible	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

DOT HAZARD CLASS None	FLASH POINT (METHODS USED) Cleveland Open Cup 145°C (293°F) minimum	FLAMMABILITY LIMITS LEL 1% UEL 7%
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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.

CASUAL FIRE AND EXPLOSION HAZARDS Do not mix or store with strong oxidants like liquid chlorine or concentrated oxygen.

SECTION V - HEALTH HAZARD DATA

PRIMARY ROUTE OF ENTRY Ingestion

EFFECTS OF OVEREXPOSURE Prolonged or repeated skin contact may cause mild skin or minor eye irritation.

EMERGENCY AND FIRST AID PROCEDURE 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 STABLE

HAZARDOUS POLYMERIZATION

MAY OCCUR WILL NOT OCCUR

INCOMPATIBILITY (MATERIALS TO AVOID) Strong oxidants like: liquid chlorine, concentrated oxygen, sodium or calcium hypochlorite.

HAZARDOUS DECOMPOSITION PRODUCTS Fumes, smoke, carbon monoxide, and sulfur oxides, in case of incomplete combustion.

CONDITIONS TO AVOID

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 water courses by diking or impounding. Advise authorities if product has entered or may enter sewers, water courses or extensive land areas. (EPA or state authorities).

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 Normally not needed. Use supplied air respiratory protection in confined or enclosed places.

VENTILATION Local exhaust: Use local exhaust to capture fumes or vapors.
Special: Provide greater than 60 fpm hood or face velocity for confined spaces.

PROTECTIVE GLOVES

Use chemical resistant gloves if needed to avoid skin contact.

EYE PROTECTION

Use splash goggles or face shield when eye contact may occur.

OTHER PROTECTIVE EQUIPMENT

Use chemical resistant apron or other clothes if needed to avoid prolonged skin contact.

SECTION IX - SPECIAL PROTECTION

PROTECTION TO BE TAKEN IN HANDLING AND 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 reuse. Discard oil-soaked shoes. Wash skin thoroughly with soap and water after handling.

REFERENCES Westinghouse MSDS, December 1985, Suppliers MSDS's

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