BAFETY DATA MATERIAL

APPROVED BY U & LABOR DEPT, EBBENTIALLY SIMILAR TO FORM OSHAZO

OLD WORLD TRADING CO ACRANDI DIV NORTH AMERICAN ENTERPRISES DIV YAWDAORE HTROM BNO DES PLAINES, IL 40014

EMERGENCY PHONE: 1-312-499-2000 TRADE NAME: Full Force Antifreese

CHEMICAL NAME & SYNONYMS: Solvent CHEMICAL FAMILY: Not Applicable

FORMULA: Not Applicable

I. PHYSICAL DATA

195 194 194 °C / 383 385 385 °T (#=End Point) BOILING RANGE : Not Applicable API GRAVITY : 1.120 SPECIFIC GRAVITY (Water=1) : POUNDS/GALLON: VAPOR PRESSURE (mm of Hg)@20°C: 7.330 0.1 2.1 VAPOR DENSITY (air=1) : SOLUBILITY IN VATER : SOLUBILITY IN ACID (85% HABOA) : Complete Complete Long DRY TIME (Ether=1) : Y5.0 W VOLATILE BY VOL : Clear, Bluegreen APPEARANCE : Oxygenated ODOR : 1,425 REFRACTIVE INDEX :

II. HAZARDOUS INGREDIENTS

MATERIAL Ethylene Clycol	CAS 0 107-21-1	VOL(%)	TLV(ppm) 50
LOWEST KNOWN LOSS (ORAL)	107-21-1 107-21-1	5840 mg/kg(Rats) 9530 mg/kg (Pabbits)	
DOT SHIPPING NAME: None	HAZARD RATING		

FLAMMABILITY: HEALTH:

REACTIVITY: 0

III. FIRE & EXPLOSION HAZARD DATA

LOWER FLAMMABLE LIMIT IN AIR (% by vol): FLASH POINT (TEST METHOD): 118°C / 245°T (TCC) FLAMMABILITY CLASSIFICATION: Class III B

: NFPA Class B extinguishers (COs or foam) EXTINGUISHING for class III-B liquid fires. MEDIA

. Water spray may be ineffective on fire but can protect fighters & cool closed containers. Use fog nozzles if water SPECIAL FIRE FIGHTING is used. Use air-supplied breathing masks. PROCEDURES

: SLICHTLY COMBUSTIBLE! Keep container tightly closed. UNUSUAL Isolate from oxidizers, heat, & open flame. EXPLOSION Closed containers may explode if expesed to extreme heat. Applying to hot surfaces YND F132E requires special precuations. PROCEDURES

Legal responsibility is assumed only for the fact that all studies reported here & all opinions are those of qualified superts. Buyer sesumes all risk & liability. He accoupts & uses this material on these conditions. He west have a copy of this MSDS where material is handled.

IV. HEALTH HAZARD DATA

EFFECTS OF

EFFECTS OF

ACUTE OVER-

EXPOSURE

SWALLOW-ING AND

THRESHOLD LIMIT VALUE: 50 ppm (Freshly Prepared) : INHALING: Anauthetic. Irritatus respiratory tract.

May cause sorious nervous system depression. May cause damage to kidneyc,blood,nerves,liver & lungs.

SKIN CONTACT: Primary irritation, defatting, dermatitis. EYE CONTACT: Primary irritation, redness, tearing, blurred vision.

: Liquid may cause skin irritation.

Harmful or fatal if swallowed Swallowing can cause abdominal irritation,

nauses, vomiting and distribes.

CHRONIC -R3VO EXPOSURE EMERCENCY &

FIRST AID **PROCEDURES** In case of contact with skin, flush with plenty of water. For eyes, flush with plunty of water for 15 minutes & get medical attention. After high vapor exposure, remove to fresh air. If breathing is difficult give oxygen. If breathing has stopped give artificial respiration. If swallowed, CALL A PHYBICIAN IMMEDIATELY! Induce veniting prouptly according to physician's instructions or by having patient stick finger down throat. Never give anything by mouth to an unconscious person.

V. REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Isolate from heat, & open flame.

MATERIALS TO AVOID : Isolate from strong oxidizers such as permanganate. HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide from burning

VI. ENVIRONMENTAL PROTECTION

SPILL OR LEAK **PROCEDURES** : Small: Mop up with absorbent material & transfer to hood. ; Large: Isolate from oxidiners, heat, & open flame.

Persons without proper protection should be kept from area until cleaned up. Stop spill at source. Dike area to prevent spread. Pump liquid to salvage tank. Remainder may be taken up on absorbent material & showeled into containers.

WASTE DISPOSAL : Small: Evaporate until all vapors are gone. METHOD

Dispose of remainder by legally applicable methods.

Large: Recycle or Incinerate observing local, state & Federal health,

safety & pollution laws.

VII. EMPLOYEE PROTECTION

(SPECIFY TYPE)

RESPIRATORY PROTECTION : Ventilate to keep air below 25 ppm. If over TLV, use self-contained air pack approved by NIOSH/OSHA. Consult Safety Equipment Supplier. Use explocton-proof equipment.

VENTILATION

: LOCAL EXHAUST : Professible

HECHANICAL(GENERAL) : Acceptable : None

CLOTHING:

: SPECIAL · None OTHER PROTECTIVE : Wear OSHA Standard chamical uplach gogglas. Consult Safety Equipment Supplier. Wear gloves & footwarr magarylous to solvents. Wash clothing before reuse.

VIII. SPECIAL PROTECTIONS

Do not store above 49°C/120°T. Store large amounts in structures made for OSHA Class III B liquids. Avoid free fall of liquid. Ground containers when pouring. Do not flame cut, brase or weld. Empty container hazardous! Continue all label precautions! DATE: 8 / 85

FULL FORCE ANTIFREEZE CONTAINS: ETHYLENE CLYCOL

DANCERI

BLIGHTLY COMBUSTIBLE
LIQUID MAY CAUSE SKIN IRRITATION
HARMFUL OR FATAL IF SWALLOWED
SWALLOWING CAN CAUSE ASDOMINAL IRRITATION,
NAUSEA, VOMITING AND DIARRHEA

Use only with adequate ventilation.

Avoid breathing of vapor or spray mist.

Do not get in eyes, on skin or on clothing. Do not take internally.

Wear OSHA Standard chemical splash goggles. Consult Safety Equipment Supplier.

Wear gloves & footweer impervious to solvents. Wash clothing before reuse.

Keep closure tight & upright to prevent leakage. Keep closed when not in use.

Ground containers when pouring. Do not flame out, braze or weld.

DISFOBAL: Recycle or dispose of observing local, state & Federal health,

safety & pollution laws. If spilled, Mop up & dispose of.

FIRST AID: In case of contact with skin, flush with plenty of water. For eyes,

flush with plenty of water for 15 minutes & get medical attention.

After high vapor exposure, remove to fresh air. If breathing is difficult

give oxygen. If breathing has stopped give artificial respiration.

If swallowed, CALL A PHYSICIAN IMMEDIATELY!

Induce vowiting promptly according to physician's

instructions or by having patient stick finger down throat.

Never give anything by mouth to an unconscious person.

Consult MSDS for further information.
FOR INDUSTRY USE ONLY
KEEP OUT OF THE REACH OF CHILDREN
OLD WORLD TRADING CO
ONE NORTH BROADWAY
DES PLAINES, IL 40014
DOT SHIFFING HAME: None

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ATTENTION!!
THIS CONTAINER HAZARDOUS WHEN EMPTIED BINGS EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR OR LIQUID), ALL HAZARD PRECAUTIONS HUST BE OBSERVED.