

107361

6a

T C E

Option?

TELENET
215 10E

TERMINAL=

@C 70374

703 74C CONNECTED

AMShare Remote Computing Service, System AMS20E (2743),
AMShare Monitor 307
The AMShare DEC-20 will go down 2-Sep-86 00:01:00 until 06:00:00
Reason: PREVENTATIVE MAINTENANCE, BACKUP SYSTEM AVAILABLE

@@LOG C192.7635.135

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Thank you ...

Job 48 on TTY43 Friday, August 29, 1986 15:04:13

Welcome to
The Chemical Information System
as provided by
CIS, Inc.

CIS User Support Hotline Number: (800) CIS-USER

Recent NEWS for the CIS . . .

01 July 86; CODEN Files Updated; Universal CARSHOW Command Available
01 July 86; Is The Monthly CIS Newsletter Reaching You?
30 June 86; New CHRIS Component Accesses USCG Haz. Materials Database
22 June 86; CRYST Database Updated To Include May, 1986 Cambridge Data
27 May 86; New GIABS Indexes Gastrointestinal Effects Literature
23 April 86; Wiley Mass Spectral Database Now Accessible Through CIS
16 April 86; RTECS Updated To January 1986. Names and Synonyms Added

AR400012

26 February 86; Special MSDS Display Formats Now Available
06 February 86; CCRIS Database Updated To Include 1984 Literature

CIS (VERSION 3.32) 15:04 29-Aug-86

Component Mnemonic? (H for HELP): OHMTADS

OHM/TADS (Version 7.15/9.5 December, 1985) (\$55/Hr.)
Latest Data Base Update: 12/85 - 1,402 Entries Total (See 17 Dec NEWS Message)

Latest news for OHMTADS . . .
17 Dec 85; Database Updated - 68 New Records; 13 Updated Records

Option? MAT/TCE

No responses for: MAT/TCE

Option? SYN/TCE

No responses for: SYN/TCE

Option? MAT/TRICHLOROETHENE

No responses for: MAT/TRICHLOROETHENE

Option? MAT/TRICHLOROETHYLENE

No responses for: MAT/TRICHLOROETHYLENE

Option? MAT/TRICHLOROETHYLENE

File: 1 Count: 1

Option? DTSHOW 1/2

File 1; Entry 1; Accession No. 7216931

(CAS) CAS Registry Number: 79-01-6
(SIC) SIC Code: 2842; 2834; 2834; 2842; 2842
(MAT) Material Name: \$\$\$ TRICHLOROETHYLENE \$\$\$
(SYN) Synonyms: TRICHLOROETHENE; ETHINYL TRICHLORIDE; ACETYLENE TRICHLORIDE; 1-CHLORO-2,2-DICHLOROETHYLENE; 1,1-DICHLORO-2-CHLOROETHYLENE; ETHYLENE TRICHLORIDE; 1,1,2-TRICHLOROETHYLENE; 1,2,2-TRICHLOROETHYLENE; TCS; TRI; TRICLORETHENE
(TRN) Tradename (Company): TRI-CLENE; TRIELENE; TRILENE; TRICHLORAN; TRICHLOREN; ALGYLEN; TRIMAR; TRILINE; TRETHYLEN; TRETHYLENE;
UNSATURATED POLYMER OF TRICHLOROETHYLENE; POLYMER OF TRICHLOROETHYLENE; POLYMER OF TRICHLOROETHYLENE

AR400013

BLACOSOLV; BLANCOSOLV; CECOLENE; CIRCOSOLV; CRAWHASPOL; DOW-TRI;
DUKERDM; FLECK-FLIP; FLOCK FLIP; LANADIN; LETHURIN; NIALK;
PERM-A-CHLOR; PERM-TRIAL; TRIASOL; TRIELIN; TRIKLONG; TRIOL;
VESTROL; VITRAN; ANAMENTH; CHLORILEN; CHLORYLEA; CHORYLEN;
DENSINFLUAT; FLUATE; NARCOGEN; NARKOGEN; MARKOSOID; PETZINOL;
PHILEX; THRETHYLEN; THRETHYLENE; TRIAD; TRIAL; TRICLENE;
TRILEN; TRI-PLUS; TRI-PLUS M; NCI-CO4546

ORIGINAL
(Red)

- (FHL) Chemical Formula: CLCH:CCL2
- (SPC) Species in Mixture: AVAILABLE IN HIGH-PURITY, ELECTRONIC USE, TECHNICAL, METAL DEGREASING, AND EXTRACTION GRADES. (IMEMDT 0019)
- (USS) ~~Common Use: SOLVENT; DEGREASING; PHARMACEUTICAL; VETERINARY; DISINFECTANT; DRY CLEANING.~~ INHALATION ANESTHETIC DURING CERTAIN SHORT-TERM SURGICAL PROCEDURES. (AWQCD* 0062) REFRIGERANT AND HEAT-EXCHANGE LIQUID; ORGANIC SYNTHESIS; FUMIGANT. (85FHA9 0001)
- (RAL) Transport, Rail (Z): 35.6
- (BRG) Transport, Barge(Z): 16.2
- (TRK) Transport, Truck (Z): 48.0
- (CON) Containers: 55 GAL DRUMS; TANK CARS; TANK TRUCKS; GLASS BOTTLES (5 AND 15 L); GLASS RECEPTACLES (120 ML, 5 AND 10 L); EARTHENWARE RECEPTACLES (120 ML, 5, 10, AND 15 L); METAL RECEPTACLES (120 ML, 5 AND 10 L); CANS (20 L); PLASTIC BOTTLES (5 AND 15 L); PLASTIC RECEPTACLES (120 ML, 5 AND 10 L); METAL DRUM (40 L, 450 L). (RARAD5 0002) (85EZAD 0001) (FEREAC 0017)
- (STO) General Storage Procedure: STORE IN COOL, DRY PLACE WITH ADEQUATE VENTILATION, AWAY FROM ACUTE FIRE HAZARD.
- (PRD) Production Sites: DETREX CHEMICAL INDUSTRIES, INC., ASHTABULA, OH
DOW CHEMICAL CO., FREEPORT, TX; PLAQUEMINE, LA
E.I. DU PONT DE NEMOURS AND CO., INC., NIAGARA FALLS, NY
ETHYL CORPORATION, BATON ROUGE, LA
HOOKER CHEMICAL CORP., TACOMA WASH.; NIAGARA FALLS, NY; TAFT, LA.
PITTSBURGH PLATE GLASS CO., LAKE CHARLES, LA; BARBERTON, OH.
- (ADD) Additive(Z): STABILIZED (TRITHANOLAMINE, STEARATE, CRESOL). ANTIOXIDANTS SUCH AS AMINES OR COMBINATIONS OF EPOXIDES SUCH AS EPICHLOROHYDRIN AND ESTERS. (IMEMDT 0019)
- (BIN) Binary Reactants: ALUMINUM; NITROGEN TETROXIDE; POTASSIUM HYDROXIDE; SODIUM; SODIUM HYDROXIDE. BARIUM; LITHIUM; MAGNESIUM; LIQUID OXYGEN; OXYGEN; POTASSIUM NITRATE; TITANIUM. (NFICAM 0001) STRONG CAUSTICS (PKT6D* 0001)
- (FDL) Detection Limit (Field; Techniques,Ref) (ppm): 75, POLYHALOGEN SPOT TEST, (BNW45* 0021)
- (LDL) ~~Detection Limit (Lab; Techniques,Ref) (ppm): .1, C7C, (ANCHAM 0017) IN MUNICIPAL AND INDUSTRIAL WASTEWATER, PURGE AND TRAP AND DESORB BY HEATING. DETERMINE BY EPA METHOD 601 (GC WITH HALL 700-A ELECTROLYTIC CONDUCTIVITY OR MICROCONTOMETRIC DETECTOR) OR METHOD 624 (GC/MS). DETECTION LIMIT OF METHOD 601 IS 1.2E-4 PPM AND FOR METHOD 624, 1.9E-3 PPM. MASS SPECTROMETRY-- EPA IONS: 130 (PRIMARY) 95, 97, 132. (RW031* 0001) (MSPP* 0001) (FEREAC 0006)~~
- (STD) Standard Codes: SUPERFUND DESIGNATED (HAZARDOUS SUBSTANCES) LIST; HAZARDOUS WASTE NO. U228; TSL NO. KX4550000; NFPA--2,1,-; CFR--SWDA NO. U228; CLASS TOXIC WASTE, TRICHLOROETHYLENE (FEREAC 0038); ID NO. UN1710, CLASS ORM-A, NO LABEL, CFR PACKAGING REGULATION 173.605, EXCEPTION 173.505, 10 GALLON MAXIMUM NET CAPACITY PER PACKAGE FOR PASSENGER AIRCRAFT AND RAILCAR, 55 GALLON MAXIMUM NET CAPACITY PER PACKAGE FOR CARGO AIRCRAFT (FEREAC 0017); IMCO--UN NO. 1710, CLASS 6.1 POISONS, HARMFUL LABEL REQUIRED, STOW ON OR UNDER DECK FOR CARGO AND PASSENGER SHIPS, PACKAGING GROUP III (85EZAD 0001); IATA--CLASS ORM-A, PASSENGER AIRCRAFT USE PACKING NOT 690. 40 L IS THE MAXIMUM NET CAPACITY PER PACKAGE. CARGO AIRCRAFT USE PACKING NOT 692. 220 L IS THE MAXIMUM NET CAPACITY PER PACKAGE. (RARAD5 0002)

*Polyhalogen spot test
available field test
detection limit 75 ppb ppm
BNW 45 0021*

AR400014

(LFL) Flammability Limit(%), Lower: 12.5
 (UFL) Flammability Limit(%), Upper: 90
 (TCP) Toxic Combustion Prod.: HCL AT HIGH TEMPERATURES. TOXIC, USE SELF-CONTAINED BREATHING APPARATUS.
 (EXT) Extinguishing Method: CO2, DRY CHEMICAL OR FOAM. USE AGENT SUITABLE FOR TYPE OF SURROUNDING FIRE. MATERIAL ITSELF DOES NOT BURN OR BURNS WITH DIFFICULTY. (BUXEH* 0001)
 (FLP) Flash Point (C.): 32.1
 (AIP) Auto Ignition Point(C.): 410
 (LEL) Explosive limit(%), Lower: 12.5
 (UEL) Explosive Limit(%), Upper: 90
 (MLT) Melting Point (C.): -84.8
 (MTC) Melting Characteristics: -84.8 DEGREES CELSIUS (SOLIDIFIES) (MERCK* 83/WIN) UPDATED 3/84
 (BLP) Boiling Point (C.): 86.7
 (BOC) Boiling Characteristics: 86.7 DEGREES CELSIUS (MERCK* 83/WIN) UPDATED 3/84
 (SOL) Solubility (ppm @ 25C): 1100
 (SLC) Solubility Characteristics: 1100 PPM AT 20 DEGREES CELSIUS (USPEDU 0001)
 (SPG) Specific Gravity: 1.4649
 (VPM) Vapor Pressure (mm Hg): 77
 (VPT) Vapor Pressure Text:
 77 MM HG AT 25 DEGREES CELSIUS (IMEMDT 0019)
 (VDN) Vapor Density: 4.53
 (BOD) Biochemical Oxygen Demand Text:

(Lb/Lb):	%Theo:	Days:	Seed	Method	Reference
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10	120	1		BOD	R92*** 0001
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(PER) Persistence: UNSATURATED BOND SUBJECT TO PHOTOCHEMICAL ATTACK. IN SEAWATER AFTER 200 HOURS, LOSSES WERE LINEAR AT 60% IN LIGHT, OPEN SYSTEMS; 30% IN LIGHT, CLOSED SYSTEMS; 20% IN DARK, CLOSED SYSTEMS; AND 40% IN DARK, OPEN SYSTEMS. PRODUCES OXIDANTS. HALF-LIFE IN WATER DUE TO EVAPORATIVE LOSSES, 27 MINUTES. HYDROLYSIS HALF-LIFE 11 MONTHS IN DARK, 6 MONTHS IN LIGHT. (R92*** 0001) VOLATILITY APPEARS MORE IMPORTANT THAN PHOTODEGRADATION. (WATRAG 0037) VOLATILITY HALF-LIFE OF 1 PPM IN STIRRED CONTAINER WAS 17 TO 90 MINUTES, DEPENDING ON CONDITIONS. TROPOSPHERIC HALF-LIFE ESTIMATED TO BE GREATER THAN 1 DAY, AND LIFETIME ESTIMATED TO BE 4 DAYS. (USPEDU 0001)

(PFA) Potential for Accumulation: LOG OCTANOL/WATER PARTITION COEFFICIENT OF 2.29 INDICATES ACCUMULATION IS POSSIBLE; EVIDENCE OF WEAK ACCUMULATION IN MARINE ORGANISMS; NO EVIDENCE OF BIOMAGNIFICATION THROUGH AQUATIC FOOD CHAINS. (USPEDU 0001) BIOCONCENTRATION FACTOR IN BLUEGILLS AFTER 14 DAYS WAS 17; HALF-LIFE IN TISSUES WAS GREATER THAN 1 DAY; SUGGESTS LITTLE OR NO ACCUMULATION PROBLEMS AT EXPOSURE CONCENTRATIONS NOT DIRECTLY TOXIC TO AQUATIC LIFE. (AWQCD* 0062)

(CAG) Carcinogenicity: CAT-NEGATIVE-20 PPM, 75 MIN DAILY (INHALATION) INTERMEDIATE METABOLITE EPOXIDES ARE CARCINOGENIC. POTENTIAL HAZARD. (STEVAB 0002) A STUDY OF OCCUPATIONALLY EXPOSED MEN FOUND NO INCREASED INCIDENCE OF CANCER; IARC CONSIDERS THIS INCONCLUSIVE BECAUSE OF THE SMALL NUMBER INVOLVED AND THE SHORT LATENCY PERIOD. (IMEMDT 0019) NCI BIOASSAY: RATS AND MICE WERE EXPOSED BY ORAL GAVAGE 5 TIMES PER WEEK FOR 78 WEEKS, FOR TIME-WEIGHTED AVERAGE DOSES OF: 549 OR 1097 MG/KG FOR RATS; 1169 OR 2339 MG/KG FOR MALE MICE; 869 OR 1739 MG/KG FOR FEMALE MICE. NO SIGNIFICANT DIFFERENCES IN NEOPLASMS IN RATS. SIGNIFICANTLY INCREASED INCIDENCE OF HEPATOCELLULAR CARCINOMA IN MALE AND FEMALE MICE. (BIOA** 0002) INHALATION OF 100, 300, OR 600 PPM FOR 6 HOURS/DAY, 5 DAYS/WEEK, FOR 2 YEARS BY RATS AND MICE CAUSED MODEST INCREASES IN HEPATOCELLULAR CARCINOMAS AND ADENOMAS IN MALE MICE AT THE HIGHEST EXPOSURE LEVEL. (DWH*** 0001)

(MUT) Mutagenicity: POTENTIAL. INTERMEDIATE METABOLITE, CHLORAL, IS

heavier than air

Imp

AR400015

(AWQCD* 0062)

(TER) Teratogenicity: NEGATIVE. EXPOSURE TO VAPORS AT TWICE MAC WAS NOT EMBRYOTOXIC OR TERATOGENIC TO MICE AND RATS ON DAYS 6-15 OF GESTATION. (TXAPA9 0057) CAUSED ANOMALIES AND MACROSCOPIC MALFORMATIONS IN CHICK EMBRYOS. (DOSS** 0003)

ORIGINAL
(rec)

(FTB) Fresh Water Toxicity Text:

Conc.	Expos	Specie	Effect	Test Environment	Reference
(Hr)					
55(MG/L)	.6	FISH	STUPID		CWQPAV 0001
660(MG/L)	40	DAPHNIA	KILLED		"
99(MG/L)	"	"	NO EFFECT		"
41 TO 100	48	DAPHNIA MAGNA	EC50	STATIC	AWQCD* 0062
39 TO 51	"	DAPHNIA PULEX	"	"	"
40.7		FATHEAD MINNOW	LC50	FLOW-THROUGH	"
66.8		"	"	STATIC	"
44.7	96	BLUEGILL	"	"	"
21.9	"	FATHEAD MINNOW	EC50		"
			FOR		
			LOSS		
			OF		
			EQUILI		
			BRIUM		

(CAR) Chronic Aquatic Toxicity Limit (Reference): THERE ARE INSUFFICIENT DATA TO DEVELOP CRITERIA FOR TRICHLOROETHYLENE. ACUTE TESTS SHOW IT IS STILL TOXIC IN FRESHWATER AT 45 PPM AND IN SALTWATER AT 2 PPM. (FEREAC 0035)

(STB) Salt Water Toxicity Text:

Conc.	Expos	Specie	Effect	Test Environment	Reference
(Hr)					
2	96	GRASS SHRIMP	EC50		AWQCD* 0062
			FOR		
			LOSS		
			OF		
			EQUILI		
			BRIUM		
20	"	SHEEPSHEAD	"	"	"
		MINNOW			

(ATB) Animal Toxicity Text:

Value	Time	Species	Param.	Route	Ref.
4920		RAT	LD50	ORL	JWPFA5 0017
5860		DOG	LD50	"	12VIA5 0001
3300		RAT	"	IPR	TXAPA9 0010
7180	14	"	"	ORL	R119** 0001
	DAY				
>		RBT	"	SKN	"
29,200					
8000	4	RAT	LD67	INH	"
	PPM				
	HOOR				

(AQN) Aquatic Plants (ppm): 8; 63

(AQR) Aquatic Plants (Reference): PPM, 50% DECREASE IN UPTAKE OF 14-C DURING PHOTOSYNTHESIS, IN PHAEOACTYLUM TRICORNUTUM (SALTWATER ALGA). (AWQCD* 0062) 63 PPM, INHIBITION OF CELL MULTIPLICATION OF MICROCYSTIS AERUGINOSA (ALGA) BEGINS. (85FHA9 0001)

(TRT) Major Species Threatened: MAY SMOTHER BENTHIC LIFE

(INH) Inhalation Limit (Value): 1000 (PPM; IDLH)

(TNT) Inhalation Limit (Text): REGULATIONS--

AR400016

OSHA PEL (TWA) 100 PPM (29CFR* 1910)
OSHA PEAK 300 PPM/5 MIN IN ANY 2 HRS.
(29CFR* 1910)

OSHA CEILING 200 PPM (29CFR* 1910)

RECOMMENDATIONS--

NIOSH TWA 134 MG/M3 25 PPM (SOHR** 78-130, 78/NIOSH)

NIOSH IDLH 1000 PPM (PKTGD* 80/MAC)

ACGIH TLV (TWA) 270 MG/M3 50 PPM (TLVADM 83/ACGIH)

ACGIH STEL 805 MG/M3/15 MIN 150 PPM/15 MIN (TLVADM 83/ACGIH)

UPDATED 3/84

- (IRL) Irritation Levels (Value): 5
(IRT) Irritation Levels (Text): PPM, EYE IRRITATION IN HUMANS (RTECS* 0002)
(DRC) Direct Contact: DERMATOLOGICAL PROBLEMS AFTER CONTACT WITH CONCENTRATED SOLVENT; NO SUCH REPORTS FROM DILUTE AQUEOUS SOLUTIONS. (AWQCD* 0062)
(JNS) General Sensation: **CHLOROFORM ODOR. AFFECTS CNS. 21.4** RECOGNITION ODOR IN AIR. SKIN IRRITATION GRADE 5 - NECROSIS; CAN BE ABSORBED THROUGH SKIN. FROM .005 ML. EYE IRRITATION GRADE 4 - BURNS FROM .05 ML (R119); **AFFECTS CENTRAL NERVOUS SYSTEM. ESSENTIALLY ANESTHETIC. MAY CAUSE DERMATITIS OR EYE IRRITATION. CAN SUPPRESS KIDNEY ACTION IF TAKEN ORALLY. SYMPTOMS INCLUDE TACHYCARDIA, DIARRHEA, NAUSEA, VOMITING, HEADACHE, CONFUSION, CONVULSIONS, OVER DOSES CAN CAUSE PSYCHOSIS AND ACUTE YELLOW ATROPHY OF LIVER. NARCOTIC AT HIGH CONCENTRATIONS.**
(LOT) Odor Threshold, Lower (ppm): 21.4; 20
(LOR) Odor Threshold, Lower (Reference): (JPCAAC 0001); PPM (HOISS* 0001)
(DHI) Direct Human Ingestion (Mg./Kgwt.): 7000
(DHR) Direct Human Ingestion (Reference): MG/KG, LDLO (RTECS* 0002)
(DWR) Recommended Drinking Water Limits (Reference): **DUE TO THE POTENTIAL CARCINOGENIC EFFECT, THE CONCENTRATION OF TRICHLOROETHYLENE SHOULD BE ZERO BASED ON THE NON-THRESHOLD ASSUMPTION. SINCE THIS LEVEL MAY NOT BE ATTAINABLE, LEVELS WHICH RAISE THE HUMAN LIFETIME CANCER RISK $1E-5$, $1E-6$, AND $1E-7$ ARE ALLOWED. THESE LEVELS ARE 27 PPB, 2.7 PPB, AND 0.27 PPB, RESPECTIVELY. (FEREAC 0035)**
(SAF) Personal Safety Precautions: USE WITH ADEQUATE VENTILATION. PVC IS NOT RECOMMENDED AND RUBBER IS CONSIDERED POOR FOR GLOVES (CHEEA3 0001); NOT TO BE USED IN CLOSED-CIRCUIT REBREATHING SYSTEM EMPLOYING SODA LIME OR OTHER CO2 ABSORBER BECAUSE OF FORMATION OF TOXIC COMPOUNDS CAPABLE OF PRODUCING CRANIAL NERVE PARALYSIS. **ATTACKS NATURAL RUBBER. USE NEOPRENE FOR PROTECTIVE CLOTHING. GOGGLES RECOMMENDED.**
(AHL) Acute Hazard Level: **LETHAL CONCENTRATION FOR MICE IN AIR 7800 PPM (12VXAS 0001). MODERATELY TOXIC TO FISH. HIGHLY TOXIC VIA INHALATION. MODERATELY TOXIC VIA ALL OTHER ROUTES. EMITS TOXIC VAPORS WHEN HEATED TO DECOMPOSITION. MILD IRRITANT.**
(CHL) Chronic Hazard Level: **DERMATITIS, FACIAL NERVE PARALYSIS OR IRREGULAR HEART FUNCTIONING MAY RESULT FROM REPEATED SUBACUTE EXPOSURE LEVELS. REPORTS OF LIVER DAMAGE FROM CHRONIC EXPOSURE ARE UNVERIFIED (30ZNA5 0001). MILD CHRONIC IRRITANT. SLIGHT HAZARD FROM CHRONIC INHALATION OR SKIN ABSORPTION.**
(HEL) Degree of Hazard to Public Health: **HIGHLY TOXIC WHEN INHALED. MODERATELY TOXIC BY ALL OTHER ROUTES. CHRONIC INHALATION OR SKIN ABSORPTION ARE ONLY SLIGHTLY HAZARDOUS. EMITS TOXIC VAPORS WHEN HEATED TO DECOMPOSITION.**
(AIR) Air Pollution: HIGH
(ACT) Action Levels: NOTIFY AIR AUTHORITY. ENTER FROM UPWIND. KEEP UNNECESSARY PEOPLE AWAY. AVOID CONTACT WITH LIQUID OR VAPOR. KEEP OUT OF LOW AREAS. AS APPLICABLE, NOTIFY AIR AND WATER POLLUTION AUTHORITIES, HEALTH AND WILDLIFE AGENCIES, AND OPERATORS OF NEARBY WATER INTAKES. (BSEWAF 0001) (HCDB** 0001)
(AML) In Situ Amelioration: PUMP OR VACUUM UNDISSOLVED PORTION FROM BOTTOM. CARBON OR PEAT MAY BE APPLIED TO DISSOLVED PORTION.

ORIGINAL
(Red)

AR400017

ENVIRONMENTAL ENGINEERING ASSISTANCE THROUGH EPA'S
ENVIRONMENTAL RESPONSE TEAM (ERT), EDISON, NJ, 24-HOUR NO. 201-
321-6660.

- (SHR) Beach/Shore Restoration: DO NOT HEAT
- (AVL) Avail. of Countermeasure Material: PUMPS - FIRE DEPARTMENT;
VACUUM - SWIMMING POOL SUPPLIERS; CARBON - WATER TREATMENT
PLANTS, SUGAR REFINERIES; PEAT - FLORAL SHOPS, NURSERIES
- (DIS) Disposal Method: CAN BE POURED ON DRY SAND AND ALLOWED TO
VAPORIZE IN ISOLATED LOCATIONS. PURIFY BY DISTILLATION OR RETURN
TO SUPPLIER. INCINERATION AFTER MIXING WITH ANOTHER COMBUSTIBLE
FUEL. MUST BE COMPLETE COMBUSTION TO PREVENT FORMATION OF
PHOSGENE. AN ACID SCRUBBER REQUIRED TO REMOVE THE HALOACIDS
PRODUCED. (RMRNR# 0002)
- (DSN) Disposal Notification: LOCAL AIR AUTHORITY
- (IFP) Industrial Fouling Pot.: POSES RUPTURE HAZARD WHEN CONFINED WITH
BOILER FEED OR COOLING SYSTEM WATERS.
- (WTP) Effects on Water Treatment Process: 200-1200 MG/KG DRY SOLIDS
REPORTED TO AFFECT ANAEROBIC DIGESTION. 330 MG/KG DRY SOLIDS (3%
SOLIDS) THOUGHT TO BE SAFE. (JWPFA5 0026)
- (WAT) Major Water Use Threatened: RECREATION, POTABLE SUPPLY,
FISHERIES, INDUSTRIAL.
- (LOC) Probable Location and State of Materials: COLORLESS LIQUID. WILL
SINK AND BE FOUND AT BOTTOM. DISSOLVES VERY VERY SLOWLY. MAY BE
MARKED WITH IDENTIFYING DYE FOR SHIPMENT.
- (HOH) Water Chemistry: SUBJECT TO PHOTOCHEMICAL ATTACK AT THE
UNSATURATED BONDS
- (COL) Color in Water: COLORLESS
- (DAT) Adequacy of Data: FAIR TO GOOD

Option? LOGOFF

Your approximate total CIS session cost is \$ 10.15
Killed Job 48, User CIS2.7635.135, Account CIS2.7635.135, TTY 43,
at 29-Aug-86 15:14:57-EDT,
Used 1.45 Resource Units in 0:00:03

AMShare Remote Computing Service, System AMS20E (2743),
AMShare Monitor 307
The AMShare DEC-20 will go down 2-Sep-86 00:01:00 until 06:00:00
Reason: PREVENTATIVE MAINTENANCE, BACKUP SYSTEM AVAILABLE

AR400018