

ISSUE DATE: NOT LISTED

DATE UPDATED

JANUARY 17, 1987

CHEMICAL NAME: ADH

ADH

MANUFACTURER NAME/ADDRESS:

DIXIE CHEMICAL COMPANY
3635 W. DALLAS AT SHEPHERD
P.O. BOX 13410

HOUSTON TX 077219

MANUFACTURER PHONE NO:

713-424-3271 EMERG. NO.
800-424-9300 CHEMTREC

CAS OR TRADE NO. 07422-90-4

C

EPA REPORTABLE QTY:

CHEMICAL FAMILY: ALDEHYDES

FORMULA: C4H10N2

DOT SHIPPING NAME: FLAMMABLE LIQUID, N.O.S.

DOT HAZARD CLASS: 07

SUBSIDIARY RISK:

NOT LISTED

UN I.D. NUMBER:

1993

ALIAS:

ACETALDEHYDE-1,1-DIMETHYLHYDRA

* SECTION 1 PHYSICAL DATA/HAZARDOUS INGRED

BOILING POINT

@760MM HG

81 DEGREES C

VAPOR DENSITY

(AIR=1)

1.52

SOLUBILITY

(WEIGHT% IN WATER)

INSOLUBLE

FREEZING/MELTING POINT

N/A

VOLUME & VOLATILE

N/A

PH OF SOLUTIONS:

NOT LISTED

VAPOR PRESSURE:

6 @ 20 DEGREES C

EVAPORATION RATE:

NOT LISTED

SPECIFIC GRAVITY(H2O=1)

1.145 20/20 D.C.

BULK DENSITY

NOT LISTED

HEAT OF SOLUTION

NOT LISTED

APPEARANCE AND ODOR:

CLEAR & FREE OF SUSPENDED SOLIDS, LIGHT YELLOW COL

INGREDIENT:

ACETALDEHYDE-1,1-DIMETHYH

%

40

INGREDIENT:

TRICHLOROETHYLENE

%

60

SECTION 2 & 3 FIRE/EXPLOSION HAZARD DATA

FLASH POINT DEG F (METHOD USED) 5 DGR. F CLOSED CUP	FLAMMABLE LIMITS IN AIR(% BY VOLUME) LEL: 4.1 UEL: 5.5
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EXTINGUISHING MEDIA:
CHEMICAL FOAM, CARBON DIOXIDE, WATER, DRY POWDER

SPECIAL FIRE FIGHTING PROCEDURES:
USE NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS.

SECTION 4.1 HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LIMITS:
ACGIH TLV 100 PPM

OSHA-PEL: NOT LISTED

NIOSH REC: NOT LISTED

CARCINOGENICITY STATUS (SOURCE):
NOT LISTED

TOXICITY DATA: EFFECTS OF OVEREXPOSURE, ETC.
TRICHLOROETHYLENE IS TOXIC BY INHALATION, TOLERANCE 50 PPM IN AIR. CAUSES
HEADACHES AND DROWSINESS.

SECTION 4.2 EMERGENCY/FIRST AID PROCEDURE

INHALATION:
NOT LISTED

EYE CONTACT:
IMMEDIATELY FLUSH WITH COPIUS AMOUNTS OF WATER FOR 15 MINUTES. CALL A
PHYSICIAN

SKIN CONTACT.
IMMEDIATELY FLUSH AFFECTED AREA WITH WATER AND A MILD SOAP SOLUTION.

INGESTION:
NOT LISTED

NOTES TO PHYSICIAN (INCLUDING ANTIDOTES)
NOT LISTED

* SECTION 5 REACTIVITY DATA *

STABILITY:
STABLE

CONDITIONS TO AVOID:
NOT LISTED

HAZARDOUS POLYMERIZATION:
WILL NOT OCCUR
CONDITIONS TO AVOID:
NOT LISTED

INCOMPATIBILITY (MATERIALS TO AVOID):
AVOID CONCENTRATED OR POWDERED ALKALIS

HAZARDOUS DECOMPOSITION PRODUCTS:
HYDROGEN CHLORIDE AND NITROGEN OXIDES

* SECTION 6 SPILL OR LEAK PROCEDURES *

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:
CONTAIN AND RECOVER.

WASTE DISPOSAL METHOD:
PLACE IN A CITY, STATE OR FEDERALLY PERMITTED DISPOSAL FACILITY.

SECTION 7.1 SPECIAL PROTECTION

RESPIRATORY PROTECTION:

NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS WHERE PROLONGED EXPOSURE
TO VAPORS IS A RISK.

SECTION 7.2 SPECIAL PROTECTION DATA

VENTILATION(TYPE):
NOT LISTED

EYE PROTECTION:
CHEMICAL GOGGLES

GLOVES:
IMPERVIOUS

OTHER PROTECTIVE EQUIPMENT:

WEAR PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT.

SECTION 8.1 SPECIAL PRECAUTIONS

SPECIAL PRECAUTIONS AND COMMENTS:
KEEP IN A COOL, DRY PLACE.

SECTION 8.2 REFERENCES

REFERENCES:
NOT LISTED

SECTION 8.4 MISC INFORMATION

MISC INFORMATION:
NOT LISTED