

DOW CONFIDENTIAL
REACTIVE CHEMICALS HAZARD DATA
PROPERTIES AND PRECAUTIONS

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24-JAN-1995

REFERENCE NUMBER: RCZ-88-0145
DATE OF ISSUE: 02-SEP-1988
DATE AMENDED:
DATE RECEIVED: 05-MAY-1977

MATERIAL NAME:
CHLOROTHENE NU / SODIUM HYDROXIDE

MOLECULAR FORMULA:
C2H3CL3 / NAOH
PHYSICAL STATE: LIQ/SOL
STRUCTURAL FORMULA/COMPOSITION:
CHLOROTHENE 52 WT% / NAOH 48 WT% (SOLID)
RELATED TO WHAT PROCESS OR PRODUCT:
CHLOROTHENE
SOURCE OF SAMPLE:
STADE, W. GERMANY
STAGE OF DEVELOPMENT: PRODUCTION

PURITY: (MIXT) %
DR-NUMBER:

OWNER OR ORIGINATOR OF REQUEST FOR TESTING:
NAME: -
BLDG: -
LOCATION: STADE

CHARGE #: -
PHONE #: -

HARDCOPY REVIEWED BY:
TESTS REVIEWED BY: BAKKUM JT
CLEARANCE AUTHORIZED BY: BAKKUM JT

WARNING: DATA HEREIN ARE SUBMITTED IN GOOD FAITH, BUT THEY ARE NOT WARRANTED
OR GUARANTEED IN ANY RESPECT. BECAUSE THESE DATA ARE BASED UPON
LABORATORY TEST CONDITIONS, CAUTION MUST BE EXERCISED BEFORE
EXTENDING THESE DATA TO DIFFERENT ENVIRONMENTS. THE DATA REPORTED
HEREIN SHOULD BE REVIEWED BY DOW REACTIVE CHEMICALS PERSONNEL
BEFORE THEY ARE USED OR RELIED UPON IN ANY APPLICATION.

ATTACHED SECTIONS: DSC: ARC: 1 CAL: FP: FL: AT: DE:
SS: THR: HOM: MIE: VSP: DTA:

THIS RECORD IS IN THE GENERAL DATABASE.

DO 071474
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***** ARC EVENT DATA *****

EXOTHERM NUMBER 1

ONSET		PEAK	
TEMPERATURE (C)	PRESSURE (PSIA)	TEMPERATURE (C)	PRESSURE (PSIA)
120			
TEMP. RATE (C/MIN)	PRESS. RATE (PSIA/MIN)	TEMP. RATE (C/MIN)	PRESS. RATE (PSIA/MIN)
2.4000E-02			

EXOTHERM HEAT: +1016 (>) J/G
ADIABATIC TEMPERATURE RISE: C
APPARENT ACTIVATION ENERGY: J/MOL

COMMENTS

REVISION DATE SEP/02/88

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