

DOW CONFIDENTIAL
REACTIVE CHEMICALS HAZARD DATA
PROPERTIES AND PRECAUTIONS

REFERENCE NUMBER: RCT-85-0076
DATE OF ISSUE: JAN 14 85
DATE SAMPLE RECEIVED: JAN 04 85

MATERIAL NAME:
ZIMMITE CHEMTROL 2A + 50% SODIUM HYDROXIDE

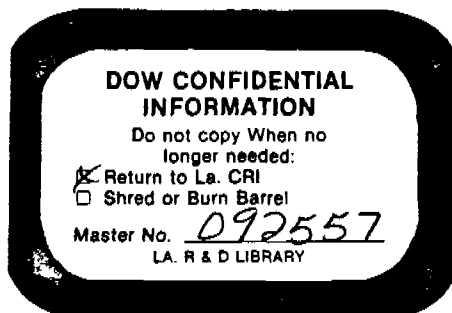
MOLECULAR FORMULA: PURITY: MIXT %
PHYSICAL STATE: LIQUID DR #:
STRUCTURAL FORMULA/COMPOSITION:
50% ZIMMITE CHEMTROL 2A(COOLING WATER INHIBITOR) + 50% (50% SODIUM
HYDROXIDE)
RELATED TO WHAT PROCESS OR PRODUCT:
GLYCERINE PRODUCTS
SOURCE OF SAMPLE:
GLYCERINE TECH SERVICES
STAGE OF DEVELOPMENT: PRODUCTION PLANT
OWNER OR ORIGINATOR OF REQUEST FOR TESTING:
NAME: HAWLEY CHARGE #: 6908
BLDG: B-1903 PHONE #: 4092380733
LOCATION: GLYCERINE TECH SERV

TESTS REVIEWED BY: JPB
CLEARANCE AUTHORIZED BY: MITCHELL R. WHITE

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: DTA:X DSC: ARC: CAL:X FP: FL: AT: DE: SS: THR:

THIS RECORD IS IN THE GENERAL DATABASE.



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DO 072564
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RECORD RETENTION DISPOSA.
DATE 1/1/2006

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REACTIVE CHEMICALS HAZARD DATA

REACTIVE CHEMICALS #: RCT-85-0076

SECTION 2A: DIFFERENTIAL THERMAL ANALYSIS (DTA)
REPEAT NUMBER 1

TEMP. HEATING RATE (DEG C/MIN) | MIN. TEST TEMP. (DEG C) | MAX. TEST TEMP. (DEG C)
20 | 30 | 320

EVENT (ENDO/EXO)	ONSET (DEG C)	PEAK (DEG C)	END (DEG C)
EXO	196	241	285

***** DTA DATA IS QUALITATIVE *****

TEST RUN BY: C. P. WARD
TEST DATE: JAN 14 85
TEST REF.: 85-30

SAMPLE CONTAINER: GLASS
SAMPLE ATMOSPHERE: AIR
SAMPLE WT. BEFORE TEST: MG
SAMPLE WT. AFTER TEST: MG

COMMENTS APPEAR AT END OF DTA SECTION

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REACTIVE CHEMICALS HAZARD DATA

REACTIVE CHEMICALS #: RCT-85-0076

DTA COMMENT SECTION

COMMENTS:

TEST STOPPED AT 320 DEG. C

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REACTIVE CHEMICALS HAZARD DATA

REACTIVE CHEMICALS #: RCT-85-0076

SECTION 4: CALORIMETRY (OTHER THAN DTA, DSC OR ARC)

RUN NUMBER 1:

TYPE OF CALORIMETER: BENCHTOP
TEST RUN BY: C. F. WARD
TEST DATE: JAN 14 85
TEST REF.: 85-30

CALORIMETRY TEXT BLOCK ON NEXT PAGE.

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REACTIVE CHEMICALS HAZARD DATA

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REACTIVE CHEMICALS #: RCT-85-0076

CALORIMETRY RESULTS TEXT BLOCK
CHANGE IN TEMPERATURE +9.2 DEG. C HEAT OF REACTION -13.8 CAL/ML +/-20%

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