

DOW CONFIDENTIAL
REACTIVE CHEMICALS HAZARD DATA
PROPERTIES AND PRECAUTIONS

PAGE 1
OCT 22 91

REFERENCE NUMBER: RCT-85-0031
DATE OF ISSUE: JAN 11 85
DATE SAMPLE RECEIVED: JAN 04 85

MATERIAL NAME:
ZIMMITE CHEMTROL 2A + CELL EFFLUENT

MOLECULAR FORMULA:
PHYSICAL STATE: LIQUID
STRUCTURAL FORMULA/COMPOSITION:
50% ZIMMITE CHEMTROL 2A-COOLING WATER MICROBIOCIDAL (FROM ZIMMITE CORP.,
WESTLAKE, OH) + 50% CELL EFFLUENT (CONTAINS 8.0% SODIUM HYDROXIDE)
RELATED TO WHAT PROCESS OR PRODUCT:
GLYCERINE PRODUCTS
SOURCE OF SAMPLE:
GLYCERINE TECH. SERVICES
STAGE OF DEVELOPMENT: PRODUCTION PLANT

PURITY: MIXT %
DR #:

OWNER OR ORIGINATOR OF REQUEST FOR TESTING:
NAME: HAWLEY
BLDG: B-1903
LOCATION: GLYCERINE TECH. SERV

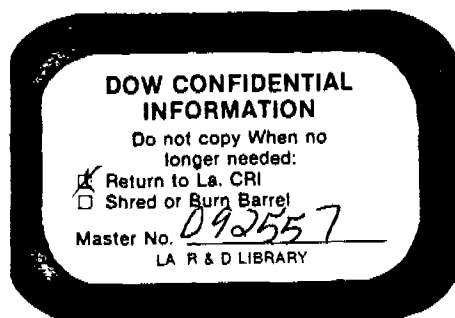
CHARGE #: 6908
PHONE #: 4092380733

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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RECORD RETENTION DISPOSAL
DATE 1/1/2006

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REACTIVE CHEMICALS HAZARD DATA

REACTIVE CHEMICALS #: RCT-85-0031

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 | 250

EVENT (ENDO/EXO)	ONSET (DEG C)	PEAK (DEG C)	END (DEG C)
EXO	217	230	243

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

T(RUN BY: C. P. WARD
TEST DATE: JAN 11 85
TEST REF.: 85-27

| 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-85-0031

DTA COMMENT SECTION

COMMENTS:
TEST STOPPED AT 250 DEG. C

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REACTIVE CHEMICALS #: RCT-85-0031

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

RUN NUMBER 1:

TYPE OF CALORIMETER: BENCHTOP
TEST RUN BY: C. P. WARD
TEST DATE: JAN 11 85
TEST REF.: 85-27

CALORIMETRY TEXT BLOCK ON NEXT PAGE.

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REACTIVE CHEMICALS HAZARD DATA

PAGE 5
OCT 22 91

REACTIVE CHEMICALS #: RCT-85-0031

CALORIMETRY RESULTS TEXT BLOCK
CHANGE IN TEMPERATURE -0.4 DEG. C HEAT OF REACTION +0.6 CAL/ML +/-20%

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