

DOW CONFIDENTIAL
REACTIVE CHEMICALS HAZARD DATA
PROPERTIES AND PRECAUTIONS

PAGE 1
OCT 22 91

REFERENCE NUMBER: RCT-86-0192
DATE OF ISSUE: FEB 26 86
DATE SAMPLE RECEIVED: FEB 24 86

MATERIAL NAME:

SODIUM HYDROXIDE (50%) + PROPYLENE GLYCOL + COBALTOUS CHLORIDE

MOLECULAR FORMULA:

PURITY: MIXT %
DR ±:

PHYSICAL STATE: LIQUID

STRUCTURAL FORMULA/COMPOSITION:

50% SODIUM HYDROXIDE + 1,700 PPM PROPYLENE GLYCOL + 1 PPM COBALTOUS CHLORIDE

RELATED TO WHAT PROCESS OR PRODUCT:

ANHYDROUS CAUSTIC BEAD

SOURCE OF SAMPLE:

INORG. CHEM. RES.

STAGE OF DEVELOPMENT: PLANT SCALE

OWNER OR ORIGINATOR OF REQUEST FOR TESTING:

NAME: BRUCE LEWIS

CHARGE #: 1272

BLDG: A-303

PHONE #: 4092384038

LOCATION: INORGANIC CHEM. RES.

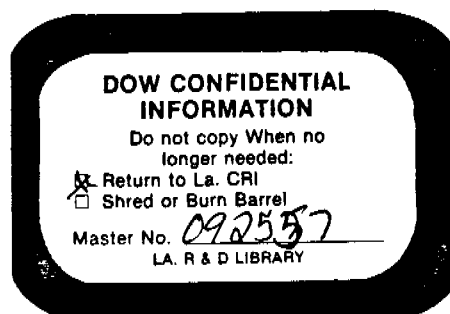
TESTS REVIEWED BY: MRW

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: FP: FL: AT: DE: SS: THR:

THIS RECORD IS IN THE GENERAL DATABASE.



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RECORD RETENTION DISPOSAL
DATE 1/1/2007

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REACTIVE CHEMICALS HAZARD DATA

REACTIVE CHEMICALS #: RCT-86-0192

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 | 275

EVENT (ENDO/EXO)	ONSET (DEG C)	PEAK (DEG C)	END (DEG C)
EXO	170	240	UNK

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

T(RUN BY: N. ORCHARD
TEST DATE: FEB 28 86
TEST REF.: 86-194

| 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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PAGE 3
OCT 22 91

REACTIVE CHEMICALS #: RCT-86-0192

DTA COMMENT SECTION

COMMENTS:
TUBE BROKE AT -305 DEG. C

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