

DOW CONFIDENTIAL
REACTIVE CHEMICALS HAZARD DATA
PROPERTIES AND PRECAUTIONS

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07-FEB-1995

REFERENCE NUMBER: RCA-91-0193
DATE OF ISSUE: 03-JUL-1991
DATE AMENDED:
DATE RECEIVED: 09-JUL-1991

MATERIAL NAME:
NEVER-SEEZ (AEROSOL) PLUS CHLORINE GAS

MOLECULAR FORMULA:

PURITY: 100.000%
DR-NUMBER:

PHYSICAL STATE: SOLID/GAS

STRUCTURAL FORMULA/COMPOSITION:

75% NEVER-SEEZ / 25% CHLORINE (GAS)

RELATED TO WHAT PROCESS OR PRODUCT:

CAII

SOURCE OF SAMPLE:

STAGE OF DEVELOPMENT:

OWNER OR ORIGINATOR OF REQUEST FOR TESTING:

NAME: C. ST. GEORGE

CHARGE #:

BLDG: 91A

PHONE #: 4039988168

LOCATION: FT. SASK.

HARDCOPY REVIEWED BY: KWASNY RS

TESTS REVIEWED BY: POWERS JB

CLEARANCE AUTHORIZED BY: POWERS JB

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: CAL: FP: FL: AT: DE:
SS: THR: HOM: 1 MIE: VSP: DTA:

THIS RECORD IS IN THE GENERAL DATABASE.

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SECTION 10: HEAT OF MIXING TEST (HOM)

REPEAT NUMBER 1

DEVICE TYPE: 2-DROP
TEMPERATURE: 22 C

SYRINGE VOLUME: 0 0
SYRINGE CONTENT:
25% CHLORINE (GAS)

VIAL VOLUME: 0 0
VIAL CONTENT:
75% NEVER-SEEZ

GAS EVOLUTION: ML
ENTHALPY OF MIXING: -74.3 J/G

TEST RUN BY: ELL WB
TEST DATE: 03-JUL-1991
TEST REF.: C:\WORD\910193TD.DOC

COMMENTS

TEST 1: CALCULATED ADIABATIC TEMPERATURE CHANGE = +35.5 DEG C. ASSUMED
SPECIFIC HEAT = 0.5 CAL/G DEG C. STIRRER ON. THE SOLVENT AND
PROPELLANT WERE ALLOWED TO DISSIPATE (APPROXIMATELY 24 HOURS) BEFORE
TESTING.

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