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DATE 01/11/96
CUST#: 2-097-94804
PO#: QH4743

M A T E R I A L S A F E T Y D A T A S H E E T PAGE 1

SECTION 1. ----- CHEMICAL IDENTIFICATION -----

CATALOG #: P5405
NAME: POTASSIUM CHLORIDE CELL CULTURE TESTED

SECTION 2. ----- COMPOSITION/INFORMATION ON INGREDIENTS -----

CAS #: 7447-40-7
MF: CL1K1
EC NO: 231-211-8

SYNONYMS

CHLORID DRASELNY (CZECH) * CHLOROPOTASSURIL * DIPOTASSIUM DICHLORIDE *
EMPLETS POTASSIUM CHLORIDE * ENSEAL * KALITABS * KAACHLOR * KAON-CL *
KAON-CL 10 * KAON-CL TABS * KAY CIEL * K-LOR * KLOTRIX * K-LYTE/CL *
K-PREDNE-DOME * MONOPOTASSIUM CHLORIDE * PFIKLOR * POTASSIUM
MONOCHLORIDE * POTAVESCENT * REKAWAN * SLOW-K * TRIPOTASSIUM
TRICHLORIDE *

SECTION 3. ----- HAZARDS IDENTIFICATION -----

LABEL PRECAUTIONARY STATEMENTS

HARMFUL
HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.
IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK MEDICAL ADVICE.
WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 4. ----- FIRST-AID MEASURES -----

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF
WATER FOR AT LEAST 15 MINUTES.
IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS
AMOUNTS OF WATER.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.
CALL A PHYSICIAN.
WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. ----- FIRE FIGHTING MEASURES -----

EXTINGUISHING MEDIA

WATER SPRAY.
CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.

CONTINUED ON NEXT PAGE

RANCH OFFICES AT:

GMA-ALDRICH RTRIEBS GmbH Invalder Weg 30 041 Delsenhofen Jutschland	SIGMA-ALDRICH QUIMICA, S.A. Apt. Correo 161 28100 Alcobendas (Madrid) España	SIGMA-ALDRICH s.r.o. Krizikova 27 186 00 Praha 8 Ceská Republika	SIGMA CHEMIE K. Cardijnplein, 8 B-2680 Bornem België/Belgique	SIGMA CHEMIE P.O. Box 260 CH-9470 Buchs Switzerland	SIGMA-ALDRICH QUIMICA, S.A. de C.V. Avenida Piracho Ajusco No. 130-303 Fraccionamiento Jardines en la Montaña 14210 Mexico, D.F.	SIGMA-ALDRICH CORPORATION New Delhi Location B-4/15B, Safdarjung Enclave New Delhi - 110 029 India
GMA CHIMIE SLE D'abeau Chesnes P. 701 297 St. Quentin Fallavier dex nce	SIGMA-ALDRICH s.r.l. Via Gallarate 154 20151 Milano Italia	SIGMA-ALDRICH PTY., LIMITED Unit 2, 10 Anella Ave. Castle Hill NSW 2154 Australia	SIGMA-ALDRICH CHEMICAL REPRESENTACOES LTDA. Rua Sabará, 566 - Conj. 53 01239-010 São Paulo, SP Brasil	SIGMA CHEMICAL CO. LTD. Fancy Road, Poole Dorset BH17 7NH England	SIGMA-ALDRICH Kft Teréz krt. 39 1067 Budapest Hungary	SIGMA-ALDRICH 206 Samhan Campus Building 17-3 Yoikto-dong Yungdeungpo-ku Seoul South Korea

5752



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BIOCHEMICALS AND DIAGNOSTIC REAGENTS

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M A T E R I A L S A F E T Y D A T A S H E E T PAGE 2

CATALOG #: P5405
NAME: POTASSIUM CHLORIDE CELL CULTURE TESTED

UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. ACCIDENTAL RELEASE MEASURES

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY
RUBBER GLOVES.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. HANDLING AND STORAGE

REFER TO SECTION 8.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CHEMICAL SAFETY GOGGLES.
RUBBER GLOVES.
NIOSH/MSHA-APPROVED RESPIRATOR.
SAFETY SHOWER AND EYE BATH.
MECHANICAL EXHAUST REQUIRED.
AVOID CONTACT AND INHALATION.
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.
WASH THOROUGHLY AFTER HANDLING.
HARMFUL SOLID.
IRRITANT.
KEEP TIGHTLY CLOSED.
STORE IN A COOL DRY PLACE.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR
WHITE CRYSTALS

PHYSICAL PROPERTIES

MELTING POINT: 770 C
SPECIFIC GRAVITY: 1.984

SECTION 10. STABILITY AND REACTIVITY

INCOMPATIBILITIES

STRONG OXIDIZING AGENTS
STRONG ACIDS
PROTECT FROM MOISTURE.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
HYDROGEN CHLORIDE GAS

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

CONTINUED ON NEXT PAGE

BRANCH OFFICES AT:

Table listing branch offices for SIGMA-ALDRICH in various countries including USA, Canada, Europe, and Asia.

5753



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M A T E R I A L S A F E T Y D A T A S H E E T PAGE 4

CATALOG #: P5405
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SECTION 14. TRANSPORT INFORMATION

CONTACT SIGMA CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

SECTION 15. REGULATORY INFORMATION

EUROPEAN INFORMATION

HARMFUL
R 20/21/22
HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.
R 36/37/38
IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
S 26
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK MEDICAL ADVICE.
S 36
WEAR SUITABLE PROTECTIVE CLOTHING.

REVIEWS, STANDARDS, AND REGULATIONS

DEL=MAK
NOHS 1974: HZD 60360; NIS 97; TNF 14471; NOS 88; TNE 122749
NOES 1983: HZD 60360; NIS 147; TNF 16061; NOS 125; TNE 387624; TFE
175287
EPA TSCA SECTION 8(B) CHEMICAL INVENTORY
EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, OCTOBER 1995

SECTION 16. OTHER INFORMATION

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BRANCH OFFICES AT:

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5755