MATERIAL SAFETY DATA SHEET

SECTION 1. ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----

CATALOG #: P5405
NAME: POTASSIUM CHLORIDE CELL CULTURE TESTED

SECTION 2. ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----

CAS #: 7447-40-7
MF: CLI1
EC NO: 231-211-8

SYNONYMS
CHLORID DRASELNY (CZECH) * CHLOROPOTASSURIL * DIPOTASSIUM DICHLORIDE *
EMPLETS POTASSIUM CHLORIDE * ENSEAL * KALITABS * KA0CHLOR * KA0N-CL *
KA0N-CL CL * KA0N-CL TABS * KAYSOL * K-LOR * KLOTRIX * K-LYTE/CL *
K-PREDNE-OONE * MONOPOTASSIUM CHLORIDE * PFILOR * POTASSIUM *
MONOCHLORIDE * POTAVESCENT * REKAWAN * SLOW-K * TRIPOTASSIUM *
TRICHLORIDE *

SECTION 3. ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----

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. ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----

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. ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----

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

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

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MATERIAL SAFETY DATA SHEET

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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.
SHEEP 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, OR CLOTHING.
WASH THROUGHFULLY AFTER HANDLING.
HARMFUL SODIUM.
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
MATERIAL SAFETY DATA SHEET

CATALOG #: P5405
NAME: POTASSIUM CHLORIDE CELL CULTURE TESTED

HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.
CAUSES EYE AND SKIN IRRITATION.
MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

ADDITIONAL INFORMATION
INGESTION OF LARGE QUANTITIES CAN CAUSE WEAKNESS, GASTROINTESTINAL IRRITATION AND CIRCULATORY DISTURBANCES.

RTCS #: TS 09 00000
POTASSIUM CHLORIDE

IRRITATION DATA
EYE - RAT 500 MG/24H MLD

TOXICITY DATA

| ORL-INF | LDLQ: 238 MG/KG/2D |
| DRL-MAN | LDLQ: 20 MG/KG |
| DRL-RAT | LDLQ: 2000 MG/KG |
| IPR-RAT | LDLQ: 660 MG/KG |
| IPR-MUS | LDLQ: 1181 MG/KG |
| IVN-RAT | LDLQ: 142 MG/KG |
| IPR-MUS | LDLQ: 1181 MG/KG |
| DRL-MUS | LDLQ: 1500 MG/KG |

TARGET ORGAN DATA

| ORL-INF | DRLQ: 250 MG/KG |
| DRL-MAN | DRLQ: 250 MG/KG |
| DRL-RAT | DRLQ: 250 MG/KG |
| IPR-RAT | DRLQ: 250 MG/KG |
| IPR-MUS | DRLQ: 250 MG/KG |
| IVN-RAT | DRLQ: 250 MG/KG |
| IPR-MUS | DRLQ: 250 MG/KG |
| DRL-MUS | DRLQ: 250 MG/KG |

SECTION 12: ECOLOGICAL INFORMATION

DATA NOT YET AVAILABLE.

SECTION 13: DISPOSAL CONSIDERATIONS

CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF THIS MATERIAL. OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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MATERIAL SAFETY DATA SHEET

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 36/37/39
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
OECD MAK
NOHS 1974: HIZD 60360; NIS 97; TNE 14471; NOS 88; TNE 122749
NOES 1983: HIZD 60360; NIS 147; TNE 16061; NOS 125; TNE 387624; TFE
175277
EPA TSCA SECTION 8(b) CHEMICAL INVENTORY
EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, OCTOBER 1995

SECTION 16. - - - - - - - - - - - - - - - - - OTHER INFORMATION - - - - - - - - - - - - - - - - -

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