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SAFETY DATA SHEET

SECTION 1. CHEMICAL IDENTIFICATION

CATALOG #: 35728

NAME: Potassium chromate

SYNONYMS:

24 HOUR EMERGENCY (800) 535-5053(USA)

TELEPHONE: 352-323-3500 (INTERNATIONAL)

TO REQUEST AN (800) 869-9290

MSDS:

CUSTOMER SERVICE: (630) 766-2112

SECTION 2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS)

SKIN IRRITATION (CATEGORY 2), H315

EYE IRRITATION (CATEGORY 2A), H319

SKIN SENSITISATION (CATEGORY 1), H317

GERM CELL MUTAGENICITY (CATEGORY 1B), H340

CARCINOGENICITY, INHALATION (CATEGORY 1B), H350I

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (CATEGORY 3), RESPIRATORY SYSTEM, H335

SHORT-TERM (ACUTE) AQUATIC HAZARD (CATEGORY 1), H400

LONG-TERM (CHRONIC) AQUATIC HAZARD (CATEGORY 1), H410

FOR THE FULL TEXT OF THE H-STATEMENTS MENTIONED IN THIS SECTION, SEE SECTION 16.

GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

PICTOGRAM



SIGNAL WORD

DANGER

HAZARD STATEMENT(S)

H315

CAUSES SKIN IRRITATION.

H317

MAY CAUSE AN ALLERGIC SKIN REACTION.

H319

CAUSES SERIOUS EYE IRRITATION.

H335

MAY CAUSE RESPIRATORY IRRITATION.

H340

MAY CAUSE GENETIC DEFECTS.

H350I

MAY CAUSE CANCER BY INHALATION.

H410

VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

PRECAUTIONARY STATEMENT(S)

P201

OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.

P202

DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.

P261

AVOID BREATHING DUST/ FUME/ GAS/ MIST/ VAPOURS/ SPRAY.

P264

WASH SKIN THOROUGHLY AFTER HANDLING.

P271

USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA.

P272

CONTAMINATED WORK CLOTHING MUST NOT BE ALLOWED OUT OF THE WORKPLACE.

P273

AVOID RELEASE TO THE ENVIRONMENT.

P280

WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/ FACE PROTECTION.

P302 + P352

IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.

P304 + P340 + P312

IF INHALED: REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING. CALL A POISON CENTER/DOCTOR IF YOU FEEL UNWELL.

P305 + P351 + P338

IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.

P308 + P313

IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ ATTENTION.

P333 + P313

IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ ATTENTION.

| | |
|--|---|
| P337 + P313 | IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ ATTENTION. |
| P362 | TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE. |
| P391 | COLLECT SPILLAGE. |
| P403 + P233 | STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED. |
| P405 | STORE LOCKED UP. |
| P501 | DISPOSE OF CONTENTS/ CONTAINER TO AN APPROVED WASTE DISPOSAL PLANT. |
| HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) OR NOT COVERED BY GHS | NONE |

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| | |
|---------|---------------------------------|
| MF: | K ₂ CrO ₄ |
| MW: | 194.19 |
| CAS-NO. | 7789-00-6 |
| PURITY: | ≥99.9% Metals basis |

HAZARDOUS COMPONENTS

| COMPONENT | CLASSIFICATION | CONCENTRATION |
|---------------------------|--|---------------|
| Potassium chromate | SKIN IRRIT. 2; EYE IRRIT. 2A; SKIN SENS. 1; MUTA. 1B; CARC. 1B; STOT SE 3; AQUATIC ACUTE 1; AQUATIC CHRONIC 1; H315, H319, H317, H340, H350I, H335, H400, H410 M-FACTOR - AQUATIC ACUTE: 1 M-FACTOR - AQUATIC CHRONIC: 1 | ≤ 100 % |

FOR THE FULL TEXT OF THE H-STATEMENTS MENTIONED IN THIS SECTION, SEE SECTION 16.

SECTION 4. FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

| | |
|-----------------------|--|
| GENERAL ADVICE | CONSULT A PHYSICIAN. SHOW THIS SAFETY DATA SHEET TO THE DOCTOR IN ATTENDANCE.MOVE OUT OF DANGEROUS AREA. |
|-----------------------|--|

| | |
|---|---|
| IF INHALED | IF BREATHED IN, MOVE PERSON INTO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. CONSULT A PHYSICIAN. |
| IN CASE OF SKIN CONTACT | WASH OFF WITH SOAP AND PLENTY OF WATER. CONSULT A PHYSICIAN. |
| IN CASE OF EYE CONTACT | RINSE THOROUGHLY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND CONSULT A PHYSICIAN. |
| IF SWALLOWED | NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. RINSE MOUTH WITH WATER. CONSULT A PHYSICIAN. |
| MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED | THE MOST IMPORTANT KNOWN SYMPTOMS AND EFFECTS ARE DESCRIBED IN THE LABELLING (SEE SECTION 2.2) AND/OR IN SECTION 11 |
| INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED | NO DATA AVAILABLE |

SECTION 5. FIRE AND EXPLOSION DATA

EXTINGUISHING MEDIA

| | |
|--|--|
| SUITABLE EXTINGUISHING MEDIA | USE WATER SPRAY, ALCOHOL-RESISTANT FOAM, DRY CHEMICAL OR CARBON DIOXIDE. |
| SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE | POTASSIUM OXIDES, CHROMIUM OXIDES |
| ADVICE FOR FIREFIGHTERS | WEAR SELF-CONTAINED BREATHING APPARATUS FOR FIREFIGHTING IF NECESSARY. |
| FURTHER INFORMATION | NO DATA AVAILABLE |

SECTION 6. ACCIDENTAL RELEASE MEASURES

| | |
|--|---|
| PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES | USE PERSONAL PROTECTIVE EQUIPMENT. AVOID DUST FORMATION. AVOID BREATHING VAPOURS, MIST OR GAS. ENSURE ADEQUATE VENTILATION. EVACUATE PERSONNEL TO SAFE AREAS. AVOID BREATHING DUST. |
|--|---|

FOR PERSONAL PROTECTION SEE SECTION 8.

**ENVIRONMENTAL
PRECAUTIONS**

PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO. DO NOT LET PRODUCT ENTER DRAINS.
DISCHARGE INTO THE ENVIRONMENT MUST BE AVOIDED.

**METHODS AND
MATERIALS FOR
CONTAINMENT AND
CLEANING UP**

PICK UP AND ARRANGE DISPOSAL WITHOUT CREATING DUST. SWEEP UP AND SHOVEL. KEEP IN SUITABLE, CLOSED CONTAINERS FOR DISPOSAL.

**REFERENCE TO OTHER
SECTIONS**

FOR DISPOSAL SEE SECTION 13.

SECTION 7. HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE
HANDLING**

AVOID CONTACT WITH SKIN AND EYES. AVOID FORMATION OF DUST AND AEROSOLS. FURTHER PROCESSING OF SOLID MATERIALS MAY RESULT IN THE FORMATION OF COMBUSTIBLE DUSTS. THE POTENTIAL FOR COMBUSTIBLE DUST FORMATION SHOULD BE TAKEN INTO CONSIDERATION BEFORE ADDITIONAL PROCESSING OCCURS.
PROVIDE APPROPRIATE EXHAUST VENTILATION AT PLACES WHERE DUST IS FORMED.
FOR PRECAUTIONS SEE SECTION 2.2.

**CONDITIONS FOR SAFE
STORAGE, INCLUDING
ANY INCOMPATIBILITIES**

KEEP CONTAINER TIGHTLY CLOSED IN A DRY AND WELL-VENTILATED PLACE.

Store at RT

SPECIFIC END USE(S)

APART FROM THE USES MENTIONED IN SECTION 1.2 NO OTHER SPECIFIC USES ARE STIPULATED.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

COMPONENTS WITH WORKPLACE CONTROL PARAMETERS

| COMPONENT | CAS-NO. | VALUE | CONTROL PARAMETERS | BASIS |
|--------------------|-----------|---|--------------------|--|
| | REMARKS | SEE TABLE Z-2 FOR THE EXPOSURE LIMIT FOR ANY OPERATIONS OR SECTORS WHERE THE EXPOSURE LIMIT IN 1910.1026 IS STAYED OR IS OTHERWISE NOT IN EFFECT SUBSTANCE LISTED; FOR MORE INFORMATION SEE OSHA DOCUMENT 1910.1026 | | |
| Potassium chromate | 7789-00-6 | CEIL | 1MG/10M3 | USA. OCCUPATIONAL EXPOSURE LIMITS (OSHA) - TABLE Z-2 |
| | | Z37.7-1971 THIS STANDARD APPLIES TO ANY OPERATIONS OR SECTORS FOR WHICH THE EXPOSURE LIMIT IN THE CHROMIUM (VI) STANDARD, SEC. 1910.1026, IS STAYED OR IS OTHERWISE NOT IN EFFECT. | | |
| | | TWA | 0.0002 MG/M3 | USA. ACGIH THRESHOLD LIMIT VALUES (TLV) |
| | | DERMAL SENSITIZATION RESPIRATORY SENSITIZATION RESPIRATORY TRACT IRRITATION SINONASAL CANCER LUNG CANCER ASTHMA 2018 ADOPTION CONFIRMED HUMAN CARCINOGEN DANGER OF CUTANEOUS ABSORPTION VARIES | | |
| | | STEL | 0.0005 MG/M3 | USA. ACGIH THRESHOLD LIMIT VALUES (TLV) |
| | | DERMAL SENSITIZATION RESPIRATORY SENSITIZATION RESPIRATORY TRACT IRRITATION SINONASAL CANCER LUNG CANCER ASTHMA 2018 ADOPTION CONFIRMED HUMAN CARCINOGEN DANGER OF CUTANEOUS ABSORPTION VARIES | | |
| | | PEL | 0.005 MG/M3 | OSHA SPECIFICALLY REGULATED CHEMICALS/CARCINOGENS |

| | | | | |
|--|--|---|--------------|--|
| | | 1910.1026 THIS STANDARD APPLIES TO OCCUPATIONAL EXPOSURES TO CHROMIUM (VI) IN ALL FORMS AND COMPOUNDS IN GENERAL INDUSTRY, EXCEPT: (A) EXPOSURES THAT OCCUR IN THE APPLICATION OF PESTICIDES REGULATED BY THE ENVIRONMENTAL PROTECTION AGENCY OR ANOTHER FEDERAL GOVERNMENT AGENCY (E.G., THE TREATMENT OF WOOD WITH PRESERVATIVES); (B) EXPOSURES TO PORTLAND CEMENT; OR (C) WHERE THE EMPLOYER HAS OBJECTIVE DATA DEMONSTRATING THAT A MATERIAL CONTAINING CHROMIUM OR A SPECIFIC PROCESS, OPERATION, OR ACTIVITY INVOLVING CHROMIUM CANNOT RELEASE DUSTS, FUMES, OR MISTS OF CHROMIUM (VI) IN CONCENTRATIONS AT OR ABOVE 0.5 GM/M3 AS AN 8-HOUR TIME-WEIGHTED AVERAGE (TWA) UNDER ANY EXPECTED CONDITIONS OF USE. CHROMIUM (VI) [HEXAVALENT CHROMIUM OR CR(VI)] MEANS CHROMIUM WITH A VALENCE OF POSITIVE SIX, IN ANY FORM AND IN ANY COMPOUND OSHA SPECIFICALLY REGULATED CARCINOGEN | | |
| | | TWA | 0.0002 MG/M3 | USA. NIOSH RECOMMENDED EXPOSURE LIMITS |
| | | POTENTIAL OCCUPATIONAL CARCINOGEN SEE APPENDIX C SEE APPENDIX A | | |
| | | PEL | 0.005 MG/M3 | CALIFORNIA PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL CONTAMINANTS |
| | | SEE SECTIONS 1532.2, 5206 & 8359 | | |
| | | C | 0.1 MG/M3Q | CALIFORNIA PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL CONTAMINANTS |
| | | SEE SECTIONS 1532.2, 5206 & 8359 | | |

BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS

| COMPONENT | CAS-NO. | PARAMETERS | VALUE | BIOLOGICAL SPECIMEN | BASIS |
|--------------------|-----------|---------------------------------|--------|---------------------|---|
| Potassium chromate | 7789-00-6 | TOTAL CHROMIUM | 25 G/L | URINE | URINE |
| | REMARKS | END OF SHIFT AT END OF WORKWEEK | | | |
| | | TOTAL CHROMIUM | 10 G/L | URINE | ACGIH - BIOLOGICAL EXPOSURE INDICES (BEI) |
| | | INCREASE DURING SHIFT | | | |

EXPOSURE CONTROLS

APPROPRIATE ENGINEERING CONTROLS

HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE. WASH HANDS BEFORE BREAKS AND AT THE END OF WORKDAY.

PERSONAL PROTECTIVE EQUIPMENT

| | |
|--|--|
| EYE/FACE PROTECTION | FACE SHIELD AND SAFETY GLASSES USE EQUIPMENT FOR EYE PROTECTION TESTED AND APPROVED UNDER APPROPRIATE GOVERNMENT STANDARDS SUCH AS NIOSH (US) OR EN 166(EU). |
| SKIN PROTECTION | <p>HANDLE WITH GLOVES. GLOVES MUST BE INSPECTED PRIOR TO USE. USE PROPER GLOVE REMOVAL TECHNIQUE (WITHOUT TOUCHING GLOVE'S OUTER SURFACE) TO AVOID SKIN CONTACT WITH THIS PRODUCT. DISPOSE OF CONTAMINATED GLOVES AFTER USE IN ACCORDANCE WITH APPLICABLE LAWS AND GOOD LABORATORY PRACTICES. WASH AND DRY HANDS.</p> <p>FULL CONTACT MATERIAL: NITRILE RUBBER MINIMUM LAYER THICKNESS: 0.11 MM BREAK THROUGH TIME: 480 MIN MATERIAL TESTED:DERMATRIL (KCL 740 , SIZE M)</p> <p>SPLASH CONTACT MATERIAL: NITRILE RUBBER MINIMUM LAYER THICKNESS: 0.11 MM BREAK THROUGH TIME: 480 MIN MATERIAL TESTED:DERMATRIL (KCL 740, SIZE M)</p> <p>IF USED IN SOLUTION, OR MIXED WITH OTHER SUBSTANCES, AND UNDER CONDITIONS WHICH DIFFER FROM EN 374, CONTACT THE SUPPLIER OF THE CE APPROVED GLOVES. THIS RECOMMENDATION IS ADVISORY ONLY AND MUST BE EVALUATED BY AN INDUSTRIAL HYGIENIST AND SAFETY OFFICER FAMILIAR WITH THE SPECIFIC SITUATION OF ANTICIPATED USE BY OUR CUSTOMERS. IT SHOULD NOT BE CONSTRUED AS OFFERING AN APPROVAL FOR ANY SPECIFIC USE SCENARIO.</p> |
| BODY PROTECTION | COMPLETE SUIT PROTECTING AGAINST CHEMICALS, THE TYPE OF PROTECTIVE EQUIPMENT MUST BE SELECTED ACCORDING TO THE CONCENTRATION AND AMOUNT OF THE DANGEROUS SUBSTANCE AT THE SPECIFIC WORKPLACE. |
| RESPIRATORY PROTECTION | WHERE RISK ASSESSMENT SHOWS AIR-PURIFYING RESPIRATORS ARE APPROPRIATE USE A FULLFACE PARTICLE RESPIRATOR TYPE N100 (US) OR TYPE P3 (EN 143) RESPIRATOR CARTRIDGES AS A BACKUP TO ENGINEERING CONTROLS. IF THE RESPIRATOR IS THE SOLE MEANS OF PROTECTION, USE A FULL-FACE SUPPLIED AIR RESPIRATOR. USE RESPIRATORS AND COMPONENTS TESTED AND APPROVED UNDER APPROPRIATE GOVERNMENT STANDARDS SUCH AS NIOSH (US) OR CEN (EU). |
| CONTROL OF ENVIRONMENTAL EXPOSURE | PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO. DO NOT LET PRODUCT ENTER DRAINS. DISCHARGE INTO THE ENVIRONMENT MUST BE AVOIDED. |

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|---|
| APPEARANCE | Yellow crystals |
| ODOUR | ODOURLESS |
| ODOUR THRESHOLD | NO DATA AVAILABLE |
| PH | 8.5 - 10.0 AT 50 G/L AT 20 C |
| MELTING POINT/FREEZING POINT | 980 °C (Approx.) |
| BOILING POINT | |
| FLASH POINT | |
| EVAPOURATION RATE | NO DATA AVAILABLE |
| FLAMMABILITY (SOLID, GAS) | THE PRODUCT IS NOT FLAMMABLE. |
| UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS | NO DATA AVAILABLE |
| VAPOUR PRESSURE | NO DATA AVAILABLE |
| VAPOUR DENSITY | NO DATA AVAILABLE |
| RELATIVE DENSITY | |
| WATER SOLUBILITY | 39.4 G/L AT 30 C 637 G/L AT 20 C |
| PARTITION COEFFICIENT: N- OCTANOL/WATER | NOT APPLICABLE FOR INORGANIC SUBSTANCES |
| AUTO-IGNITION TEMPERATURE | DOES NOT IGNITE |
| DECOMPOSITION TEMPERATURE | NO DATA AVAILABLE |
| VISCOSITY | NO DATA AVAILABLE |
| EXPLOSIVE PROPERTIES | NO DATA AVAILABLE |
| OXIDIZING PROPERTIES | OXIDIZING POTENTIAL |

OTHER SAFETY INFORMATION

| | |
|--------------|----------------|
| BULK DENSITY | CA.1,400 KG/M3 |
|--------------|----------------|

SECTION 10. STABILITY AND REACTIVITY

| | |
|---|--|
| REACTIVITY | NO DATA AVAILABLE |
| CHEMICAL STABILITY | STABLE UNDER RECOMMENDED STORAGE CONDITIONS. |
| POSSIBILITY OF HAZARDOUS REACTIONS | NO DATA AVAILABLE |
| CONDITIONS TO AVOID | NO DATA AVAILABLE |
| INCOMPATIBLE MATERIALS | ORGANIC MATERIALS, POWDERED METALS |

**HAZARDOUS
DECOMPOSITION
PRODUCTS**

HAZARDOUS DECOMPOSITION PRODUCTS FORMED UNDER
FIRE CONDITIONS. - POTASSIUM OXIDES, CHROMIUM OXIDES
OTHER DECOMPOSITION PRODUCTS - NO DATA AVAILABLE
IN THE EVENT OF FIRE: SEE SECTION 5

SECTION 11. TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY

NO DATA AVAILABLE

INHALATION: NO DATA AVAILABLE

DERMAL: NO DATA AVAILABLE

NO DATA AVAILABLE

**SKIN
CORROSION/IRRITATION**

SKIN - RABBIT
RESULT: IRRITATING TO SKIN. - 4 H
REMARKS: (IN ANALOGY TO SIMILAR PRODUCTS)

**SERIOUS EYE DAMAGE/EYE
IRRITATION**

CAUSES SERIOUS EYE IRRITATION.

**RESPIRATORY OR SKIN
SENSITISATION**

MAY CAUSE AN ALLERGIC SKIN REACTION.

**GERM CELL
MUTAGENICITY**

MAY CAUSE GENETIC DEFECTS.

CARCINOGENICITY

MAY CAUSE CANCER BY INHALATION.

IARC:

1 - GROUP 1: CARCINOGENIC TO HUMANS (POTASSIUM
CHROMATE)

NTP:

NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS
GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A
KNOWN OR ANTICIPATED CARCINOGEN BY NTP.

OSHA:

NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS
GREATER THAN OR EQUAL TO 0.1% IS ON OSHA S LIST OF
REGULATED CARCINOGENS.

REPRODUCTIVE TOXICITY

NO DATA AVAILABLE

**SPECIFIC TARGET ORGAN
TOXICITY - SINGLE
EXPOSURE**

MAY CAUSE RESPIRATORY IRRITATION. - RESPIRATORY
SYSTEM

**SPECIFIC TARGET ORGAN
TOXICITY - REPEATED
EXPOSURE**

NO DATA AVAILABLE

ASPIRATION HAZARD

NO DATA AVAILABLE

**ADDITIONAL
INFORMATION**REPEATED DOSE TOXICITY - RAT - MALE AND FEMALE -
ORAL - 90 DAYS (IN ANALOGY TO SIMILAR PRODUCTS)
(ECHA)

RTECS: GB2940000

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL,
PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT
BEEN THOROUGHLY INVESTIGATED.STOMACH - IRREGULARITIES - BASED ON HUMAN
EVIDENCE

SECTION 12. ECOLOGICAL INFORMATION

TOXICITY**TOXICITY TO FISH**LC50 - BRACHYDANIO RERIO (ZEBRAFISH) - 58.5 MG/L - 96 H
REMARKS: (IN ANALOGY TO SIMILAR PRODUCTS)(ECHA)**TOXICITY TO DAPHNIA
AND OTHER AQUATIC
INVERTEBRATES**EC50 - DAPHNIA MAGNA (WATER FLEA) - 0.035 MG/L - 48 H
REMARKS: (IN ANALOGY TO SIMILAR PRODUCTS)(ECHA)**TOXICITY TO ALGAE**STATIC TEST ERC50 - SCENEDESMUS CAPRICORNUTUM (FRESH
WATER ALGAE) - 0.23 MG/L - 72 H
REMARKS: (IN ANALOGY TO SIMILAR PRODUCTS)(ECHA)**TOXICITY TO BACTERIA**IC50 - ACTIVATED SLUDGE - 30 MG/L - 3 H REMARKS: (IN
ANALOGY TO SIMILAR PRODUCTS)(ECHA)**PERSISTENCE AND
DEGRADABILITY**THE METHODS FOR DETERMINING THE BIOLOGICAL
DEGRADABILITY ARE NOT APPLICABLE TO INORGANIC
SUBSTANCES.**BIOACCUMULATIVE
POTENTIAL**

NO DATA AVAILABLE

MOBILITY IN SOIL

NO DATA AVAILABLE

**RESULTS OF PBT AND
VPVB ASSESSMENT**PBT/VPVB ASSESSMENT NOT AVAILABLE AS CHEMICAL
SAFETY ASSESSMENT NOT REQUIRED/NOT CONDUCTED**OTHER ADVERSE
EFFECTS**AN ENVIRONMENTAL HAZARD CANNOT BE EXCLUDED IN THE
EVENT OF UNPROFESSIONAL HANDLING OR DISPOSAL.
VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

| | |
|-------------------------------|--|
| PRODUCT | OFFER SURPLUS AND NON-RECYCLABLE SOLUTIONS TO A LICENSED DISPOSAL COMPANY. CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF THIS MATERIAL. DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. |
| CONTAMINATED PACKAGING | DISPOSE OF AS UNUSED PRODUCT. |

SECTION 14. TRANSPORT INFORMATION

DOT (US)

| | |
|---------------------------|---|
| PROPER SHIPPING NAME: | TOXIC SOLID, INORGANIC, N.O.S. (Potassium chromate) |
| UN NUMBER: | 3288 |
| CLASS: | 6.1 |
| PACKING GROUP: | III |
| REPORTABLE QUANTITY (RQ): | 10 LBS |
| POISON INHALATION HAZARD | NO |

IMDG

| | |
|-----------------------|---|
| PROPER SHIPPING NAME: | TOXIC SOLID, INORGANIC, N.O.S. (Potassium chromate) |
| UN NUMBER: | 3288 |
| CLASS: | 6.1 |
| PACKING GROUP: | III |
| EMS-NO | F-A, S-A |

IATA

| | |
|-----------------------|---|
| PROPER SHIPPING NAME: | TOXIC SOLID, INORGANIC, N.O.S. (Potassium chromate) |
| UN NUMBER: | 3288 |
| CLASS: | 6.1 |
| PACKING GROUP: | III |

SECTION 15. REGULATORY INFORMATION

| | |
|----------------------------|---|
| SARA 302 COMPONENTS | NO CHEMICALS IN THIS MATERIAL ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 302. |
| SARA 313 COMPONENTS | THE FOLLOWING COMPONENTS ARE SUBJECT TO REPORTING LEVELS ESTABLISHED BY SARA TITLE III, SECTION 313: |

| | CAS-NO. | REVISION DATE |
|-----------------------------|--|---------------|
| Potassium chromate | 7789-00-6 | 02/16/1993 |
| SARA 311/312 HAZARDS | ACUTE HEALTH HAZARD, CHRONIC HEALTH HAZARD | |

MASSACHUSETTS RIGHT TO KNOW COMPONENTS
NO COMPONENTS ARE SUBJECT TO THE MASSACHUSETTS RIGHT TO KNOW ACT.

PENNSYLVANIA RIGHT TO KNOW COMPONENTS

| | CAS-NO. | REVISION DATE |
|--------------------|-----------|---------------|
| Potassium chromate | 7789-00-6 | 02/16/1993 |

SECTION 16. OTHER INFORMATION

FULL TEXT OF H-STATEMENTS REFERRED TO UNDER SECTIONS 2 AND 3.

| | |
|-------|---|
| H315 | CAUSES SKIN IRRITATION. |
| H317 | MAY CAUSE AN ALLERGIC SKIN REACTION. |
| H319 | CAUSES SERIOUS EYE IRRITATION. |
| H335 | MAY CAUSE RESPIRATORY IRRITATION. |
| H340 | MAY CAUSE GENETIC DEFECTS. |
| H350I | MAY CAUSE CANCER BY INHALATION. |
| H410 | VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. |

MSDS LEGEND

| | |
|--------|--|
| MW: | MOLECULAR WEIGHT |
| MF: | MOLECULAR FORMULA |
| VOC: | VOLATILE ORGANIC COMPOUNDS |
| ACGIH: | AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGINISTS |
| CAS: | CHEMICAL ABSTRACTS SERIVE REGISTRY NUMBER |
| OSHA: | OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION |
| PEL: | PERMISSIBLE EXPOSURE LIMIT (OSHA) |
| TLV: | THRESHOLD LIMIT VALUE (ACGIH) |

IMPORTANT:

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