

# Safety Data Sheet

## PC7950

Version number: 2.2

Revision: 2026-06-03

### SECTION 1: Identification

#### 1.1 Product identifier

Trade name **Potassium chromate**

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses laboratory and analytical use

#### 1.3 Details of the supplier of the safety data sheet

AquaPhoenix Scientific  
860 Gitts Run Road  
Hanover PA 17331  
United States

Telephone: (866) 632-1291  
e-mail: [info@aquaphoenixsci.com](mailto:info@aquaphoenixsci.com)  
Website: <https://www.aquaphoenixsci.com/>

#### 1.4 Emergency telephone number

Emergency information service ChemTel Inc.: 1-800-255-3924, +01-813-248-0585

### SECTION 2: Hazard(s) identification

#### 2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200, Rev. 2024)

| Hazard class                                                                    | Category | Hazard class and category | Hazard statement |
|---------------------------------------------------------------------------------|----------|---------------------------|------------------|
| oxidizing solid                                                                 | 3        | Ox. Sol. 3                | H272             |
| acute toxicity (oral)                                                           | 3        | Acute Tox. 3              | H301             |
| acute toxicity (dermal)                                                         | 5        | Acute Tox. 5              | H313             |
| acute toxicity (inhal.)                                                         | 2        | Acute Tox. 2              | H330             |
| skin corrosion/irritation                                                       | 2        | Skin Irrit. 2             | H315             |
| serious eye damage/eye irritation                                               | 2        | Eye Irrit. 2              | H319             |
| skin sensitization                                                              | 1        | Skin Sens. 1              | H317             |
| germ cell mutagenicity                                                          | 1B       | Muta. 1B                  | H340             |
| carcinogenicity                                                                 | 1A       | Carc. 1A                  | H350             |
| specific target organ toxicity - single exposure (respiratory tract irritation) | 3        | STOT SE 3                 | H335             |
| hazardous to the aquatic environment - acute hazard                             | 1        | Aquatic Acute 1           | H400             |
| hazardous to the aquatic environment - chronic hazard                           | 1        | Aquatic Chronic 1         | H410             |

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Spillage and fire water can cause pollution of watercourses.

#### 2.2 Label elements

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Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200, Rev. 2024)

- Signal word danger

- Pictograms

GHS03, GHS06, GHS08,  
GHS09



- Hazard statements

|           |                                                       |
|-----------|-------------------------------------------------------|
| H272      | May intensify fire; oxidizer.                         |
| H301      | Toxic if swallowed.                                   |
| H313      | May be harmful in contact with skin.                  |
| H315+H319 | Causes skin irritation and serious eye irritation.    |
| H317      | May cause an allergic skin reaction.                  |
| H330      | Fatal if inhaled.                                     |
| H335      | May cause respiratory irritation.                     |
| H340      | May cause genetic defects.                            |
| H350      | May cause cancer.                                     |
| H410      | Very toxic to aquatic life with long lasting effects. |

- Precautionary statements

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P203           | Obtain, read and follow all safety instructions before use.                                                                      |
| P210           | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                   |
| P220           | Keep/store away from clothing/combustible materials.                                                                             |
| P260           | Do not breathe dust/fume/gas/mist/vapours/spray.                                                                                 |
| P264+P265      | Wash hands thoroughly after handling. Do not touch eyes.                                                                         |
| P270           | Do not eat, drink or smoke when using this product.                                                                              |
| P271           | Use only outdoors or with adequate ventilation.                                                                                  |
| P272           | Contaminated work clothing should not be allowed out of the workplace.                                                           |
| P273           | Avoid release to the environment.                                                                                                |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.                                    |
| P284           | In case of inadequate ventilation wear respiratory protection.                                                                   |
| P301+P316      | IF SWALLOWED: Get emergency medical help immediately.                                                                            |
| P302+P317      | IF ON SKIN: Get medical help.                                                                                                    |
| P302+P352      | IF ON SKIN: Wash with plenty of water.                                                                                           |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.                                                       |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P312           | Call a POISON CENTER/doctor if you feel unwell.                                                                                  |
| P318           | IF exposed or concerned, get medical advice.                                                                                     |
| P320           | Specific treatment is urgent (see on this label).                                                                                |
| P321           | Specific treatment (see on this label).                                                                                          |
| P330           | Rinse mouth.                                                                                                                     |
| P332+P317      | If skin irritation occurs: Get medical help.                                                                                     |
| P333+P317      | If skin irritation or rash occurs: Get medical help.                                                                             |
| P337+P317      | If eye irritation persists: Get medical help.                                                                                    |
| P362+P364      | Take off contaminated clothing and wash it before reuse.                                                                         |
| P370+P378      | In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.                                                  |
| P391           | Collect spillage.                                                                                                                |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.                                                                 |
| P405           | Store locked up.                                                                                                                 |
| P501           | Dispose of contents/container in accordance with local/regional/national/international regulations.                              |

## 2.3 Other hazards

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### Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB.

### Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

|                   |                    |
|-------------------|--------------------|
| Name of substance | potassium chromate |
|-------------------|--------------------|

## SECTION 4: First-aid measures

### 4.1 Description of first-aid measures

#### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

#### Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

#### Following skin contact

Rinse skin with water/shower.

#### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

#### Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

### 4.3 Indication of any immediate medical attention and special treatment needed

none

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Water, Foam, ABC-powder

#### Unsuitable extinguishing media

Water jet

### 5.2 Special hazards arising from the substance or mixture

Deposited combustible dust has considerable explosion potential. Oxidizing property.

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

#### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

#### 6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains, Take up mechanically

Advice on how to clean up a spill

Take up mechanically.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

#### 6.4 Reference to other sections

Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Recommendations

Wear impact- and splash-resistant eyewear.

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Take precautionary measures against static discharge. Use only in well-ventilated areas. Ground/bond container and receiving equipment.

- Specific notes/details

Dust deposits may accumulate on all deposition surfaces in a technical room. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

- Handling of incompatible substances or mixtures

- Keep away from

Organic absorbing material, Pulp/paper

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

#### 7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- Explosive atmospheres

Removal of dust deposits.

- Incompatible substances or mixtures

Keep/store away from clothing/combustible materials. Take any precaution to avoid mixing with combustibles.

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### Control of the effects

Protect against external exposure, such as  
heat, high temperatures, light, UV-radiation/sunlight

#### - Ventilation requirements

Keep any substance that emits harmful vapors or gases in a place that allows these to be permanently extracted. Use local and general ventilation.

#### - Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

| Occupational exposure limit values (Workplace Exposure Limits) |                                              |           |            |           |             |            |              |                 |                   |                               |                   |
|----------------------------------------------------------------|----------------------------------------------|-----------|------------|-----------|-------------|------------|--------------|-----------------|-------------------|-------------------------------|-------------------|
| Country                                                        | Name of agent                                | CAS No    | Identifier | TWA [ppm] | TWA [mg/m³] | STEL [ppm] | STEL [mg/m³] | Ceiling-C [ppm] | Ceiling-C [mg/m³] | Notation                      | Source            |
| US                                                             | particulate not otherwise regulated          |           | REL        |           |             |            |              |                 |                   | appx-D                        | NIOSH REL         |
| US                                                             | particulates not otherwise classified (PNOC) |           | PEL        |           | 15          |            |              |                 |                   | dust                          | 29 CFR 1910.10 00 |
| US                                                             | particulates not otherwise classified (PNOC) |           | PEL        | 1,765     |             |            |              |                 |                   | partml, dust                  | 29 CFR 1910.10 00 |
| US                                                             | particulates not otherwise classified (PNOC) |           | PEL        | 529.5     |             |            |              |                 |                   | partml, r, dust               | 29 CFR 1910.10 00 |
| US                                                             | particulates not otherwise classified (PNOC) |           | PEL        |           | 5           |            |              |                 |                   | r                             | 29 CFR 1910.10 00 |
| US                                                             | Particulates not otherwise regulated         |           | PEL (CA)   |           | 10          |            |              |                 |                   | dust                          | Cal/OSH A PEL     |
| US                                                             | Particulates not otherwise regulated         |           | PEL (CA)   |           | 5           |            |              |                 |                   | r                             | Cal/OSH A PEL     |
| US                                                             | chromates                                    | 7789-00-6 | REL        |           | 0.0002      |            |              |                 |                   | appx-A, appx-C                | NIOSH REL         |
| US                                                             | chromates                                    | 7789-00-6 | PEL        |           |             |            |              |                 | 0.1               | CrO <sub>3</sub> , us-pel-z2c | 29 CFR 1910.10 00 |
| US                                                             | chromium(VI), inorganic compounds, soluble   | 7789-00-6 | TLV®       |           | 0.0002      |            | 0.0005       |                 |                   | i, Cr(VI), H                  | ACGIH® 2025       |
| US                                                             | chromium(VI) compounds                       | 7789-00-6 | PEL (CA)   |           | 0.005       |            |              |                 | 0.1               | Cr                            | Cal/OSH A PEL     |

#### Notation

|           |                                                                      |
|-----------|----------------------------------------------------------------------|
| appx-A    | NIOSH Potential Occupational Carcinogen (Appendix A)                 |
| appx-C    | Appendix C - Supplementary Exposure Limits                           |
| appx-D    | see Appendix D - Substances with No Established RELs                 |
| Ceiling-C | ceiling value is a limit value above which exposure should not occur |

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### Notation

|            |                                                                                                                                                                          |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cr         | calculated as Cr (chromium)                                                                                                                                              |
| Cr(VI)     | calculated as chromium (VI)                                                                                                                                              |
| CrO3       | calculated as CrO3 (chromium trioxide)                                                                                                                                   |
| dust       | as dust                                                                                                                                                                  |
| H          | absorbed through the skin                                                                                                                                                |
| i          | inhalable fraction                                                                                                                                                       |
| partml     | particles/ml                                                                                                                                                             |
| r          | respirable fraction                                                                                                                                                      |
| STEL       | short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)                   |
| TWA        | time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified) |
| us-pel-z2c | This standard applies to any operations or sectors for which the exposures limit in the Chromium (VI) standard, Sec. 1910.1026, is stayed or is otherwise not in effect. |

### Environment values

| Relevant PNECs and other threshold levels |                 |                       |                              |                              |
|-------------------------------------------|-----------------|-----------------------|------------------------------|------------------------------|
| Endpoint                                  | Threshold level | Organism              | Environmental compartment    | Exposure time                |
| PNEC                                      | 0 mg/l          | aquatic organisms     | freshwater                   | short-term (single instance) |
| PNEC                                      | 0.21 mg/l       | aquatic organisms     | sewage treatment plant (STP) | short-term (single instance) |
| PNEC                                      | 0.15 mg/kg      | aquatic organisms     | freshwater sediment          | short-term (single instance) |
| PNEC                                      | 0.035 mg/kg     | terrestrial organisms | soil                         | short-term (single instance) |

## 8.2 Exposure controls

### Appropriate engineering controls

General ventilation.

### Individual protection measures (personal protective equipment)

#### Eye/face protection

Wear eye/face protection.

#### Skin protection

##### - Hand protection

In the case of wanting to use the gloves again, clean them before taking off and air them well.

##### - Other protection measures

Wash hands thoroughly after handling.

#### Respiratory protection

Particulate filter device (EN 143).

#### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Product description:** See website or catalog for details.

|                |       |
|----------------|-------|
| Physical state | solid |
|----------------|-------|

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|                                                          |                      |
|----------------------------------------------------------|----------------------|
| Color                                                    | light yellow         |
| Odor                                                     | characteristic       |
| Melting point/freezing point                             | 968.3 °C             |
| Boiling point or initial boiling point and boiling range | not determined       |
| Evaporation rate                                         | not determined       |
| Flammability                                             | non-combustible      |
| Lower and upper explosion limit                          | not relevant (solid) |
| Flash point                                              | not applicable       |
| Auto-ignition temperature                                | not determined       |
| Decomposition temperature                                | not relevant         |
| pH (value)                                               | not applicable       |
| Kinematic viscosity                                      | not relevant         |
| Solubility(ies)                                          | not determined       |

### Partition coefficient

|                                                   |                          |
|---------------------------------------------------|--------------------------|
| Partition coefficient n-octanol/water (log value) | not relevant (inorganic) |
|---------------------------------------------------|--------------------------|

|                |                |
|----------------|----------------|
| Vapor pressure | not determined |
|----------------|----------------|

### Density and/or relative density

|                         |                         |
|-------------------------|-------------------------|
| Density                 | 2.732 g/cm <sup>3</sup> |
| Relative vapour density | not relevant (solid)    |

|                          |                   |
|--------------------------|-------------------|
| Particle characteristics | no data available |
|--------------------------|-------------------|

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". It's a reactive substance. The mixture contains reactive substance(s). Oxidizing property.

### 10.2 Chemical stability

See below "Conditions to avoid".

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

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### 10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

### 10.5 Incompatible materials

Combustible materials

### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200, Rev. 2024)

##### Acute toxicity

Toxic if swallowed. May be harmful in contact with skin. Fatal if inhaled.

##### - Acute toxicity estimate (ATE)

|                       |               |
|-----------------------|---------------|
| Oral                  | 129.5 mg/kg   |
| Dermal                | >2,000 mg/kg  |
| Inhalation: dust/mist | 0.099 mg/l/4h |

##### Skin corrosion/irritation

Causes skin irritation.

##### Serious eye damage/eye irritation

Causes serious eye irritation.

##### Respiratory or skin sensitization

May cause an allergic skin reaction.

##### Germ cell mutagenicity

May cause genetic defects.

##### Carcinogenicity

May cause cancer.

#### IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

| Name of substance  | CAS No     | Classification | Number |
|--------------------|------------|----------------|--------|
| potassium chromate | 18540-29-9 | 1              |        |

#### Legend

1 Carcinogenic to humans

#### National Toxicology Program (United States): Report on Carcinogens

| Name of substance  | CAS No     | Classification                | Number                    |
|--------------------|------------|-------------------------------|---------------------------|
| potassium chromate | 18540-29-9 | Known to be human carcinogens | 1st Report on Carcinogens |

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29 CFR 1910/1915/1926 Occupational Safety and Health Standards: Toxic and Hazardous Substances (carcinogens)

| Name of substance  | CAS No | Type of registration                        |
|--------------------|--------|---------------------------------------------|
| potassium chromate |        | GI §1910.1026, SE §1915.1026, CI §1926.1126 |

### Legend

CI §1926.1126 Construction Industry (29 CFR 1926.1126)  
GI §1910.1026 General Industry (29 CFR 1910.1026)  
SE §1915.1026 Shipyard Employment (29 CFR 1915.1026)

### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

### Specific target organ toxicity - single exposure

May cause respiratory irritation.

### Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

## 11.2 Information on other hazards

There is no additional information.

## SECTION 12: Ecological information

### 12.1 Toxicity

Very toxic to aquatic life with long lasting effects.

### 12.2 Persistence and degradability

Data are not available.

### 12.3 Bioaccumulative potential

Data are not available.

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB.

### 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

### 12.7 Other adverse effects

Data are not available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Waste treatment-relevant information

Recycling/reclamation of other inorganic materials.

Please consider the relevant national or regional provisions.

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### SECTION 14: Transport information

#### 14.1 UN number

|           |         |
|-----------|---------|
| DOT       | UN 3087 |
| IMDG-Code | UN 3087 |
| ICAO-TI   | UN 3087 |

#### 14.2 UN proper shipping name

|                |                                |
|----------------|--------------------------------|
| DOT            | Oxidizing solid, toxic, n.o.s. |
| IMDG-Code      | OXIDIZING SOLID, TOXIC, N.O.S. |
| ICAO-TI        | Oxidizing solid, toxic, n.o.s. |
| Technical name | potassium chromate             |

#### 14.3 Transport hazard class(es)

|           |           |
|-----------|-----------|
| DOT       | 5.1 (6.1) |
| IMDG-Code | 5.1 (6.1) |
| ICAO-TI   | 5.1 (6.1) |

#### 14.4 Packing group

|           |     |
|-----------|-----|
| DOT       | III |
| IMDG-Code | III |
| ICAO-TI   | III |

#### 14.5 Environmental hazards

hazardous to the aquatic environment

#### 14.6 Other relevant information

Shipping container markings and labels, received from AquaPhoenix, may vary from the above information. Products that are regulated for transport will be packaged by AquaPhoenix as Dangerous Goods in Excepted Quantities according to IATA, US DOT, and IMDG regulations. AquaPhoenix may also elect to ship certain products as UN 3316 Chemical Kit, Hazard Class 9, Packing Group II or III. In case of reshipment, it is the responsibility of the shipper to determine appropriate labels and markings in accordance with applicable transportation regulations.

#### 14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

#### Information for each of the UN Model Regulations

##### Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information

|                                                                                     |                                                                                                         |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Particulars in the shipper's declaration                                            | UN3087, Oxidizing solid, toxic, n.o.s., (potassium chromate), 5.1 (6.1), III, environmentally hazardous |
| Reportable quantity (RQ)                                                            | 10 lbs (4.54 kg) (potassium chromate)                                                                   |
| Danger label(s)                                                                     | 5.1+6.1, fish and tree                                                                                  |
|  |                                                                                                         |
| Environmental hazards                                                               | yes (hazardous to the aquatic environment)                                                              |
| Special provisions (SP)                                                             | 62, IB8, IP3, T1, TP33                                                                                  |

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ERG No 141

### International Maritime Dangerous Goods Code (IMDG) - Additional information

Marine pollutant yes (hazardous to the aquatic environment)

Danger label(s) 5.1+6.1, fish and tree



Special provisions (SP) 223, 274, 900

Excepted quantities (EQ) E1

Limited quantities (LQ) 5 kg

EmS F-A, S-Q

Stowage category B

### International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Environmental hazards yes (hazardous to the aquatic environment)

Danger label(s) 5.1+6.1



Special provisions (SP) A3

Excepted quantities (EQ) E1

Limited quantities (LQ) 10 kg

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

#### National regulations (United States)

**Toxic Substance Control Act (TSCA)** substance is listed (ACTIVE)

#### Superfund Amendment and Reauthorization Act (SARA TITLE III )

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

not listed

- Specific Toxic Chemical Listings (EPCRA Section 313)

#### Toxics Release Inventory: Specific Toxic Chemical Listings

| Name of substance  | CAS No | Remarks                                                                                                                                                                                                                                                                                                                   | Effective date |
|--------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| potassium chromate |        | except for chromite ore mined in the Transvaal Region of South Africa and the unreacted ore component of the chromite ore processing residue (COPR). COPR is the solid waste remaining after aqueous extraction of oxidized chromite ore that has been combined with soda ash and kiln roasted at approximately 2,000 °F. | 1986-12-31     |

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### Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

| Name of substance  | CAS No    | Remarks | Statutory code | Final RQ pounds (Kg) |
|--------------------|-----------|---------|----------------|----------------------|
| potassium chromate | 7789-00-6 |         | 1              | 10 (4,54)            |

#### Legend

1 "1" indicates that the statutory source is section 311(b)(2) of the Clean Water Act

### Clean Air Act

not listed

### Right to Know Hazardous Substance List

- Hazardous Substance List (NJ-RTK)

| Name of substance  | CAS No    | Remarks | Classifications |
|--------------------|-----------|---------|-----------------|
| potassium chromate | 7789-00-6 |         | CA<br>MU        |

#### Legend

CA Carcinogenic  
MU Mutagenic

### California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

| Proposition 65 List of chemicals |        |         |                             |
|----------------------------------|--------|---------|-----------------------------|
| Name acc. to inventory           | CAS No | Remarks | Type of the toxicity        |
| chromium(VI) compounds           |        |         | cancer                      |
| chromium(VI) compounds           |        |         | developmental, female, male |

### Industry or sector specific available guidance(s)

#### NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

| Category            | Rating | Description                                                                                                                                                                                                            |
|---------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chronic             | *      | chronic (long-term) health effects may result from repeated overexposure                                                                                                                                               |
| Health              | 3      | major injury likely unless prompt action is taken and medical treatment is given                                                                                                                                       |
| Flammability        | 0      | material that will not burn under typical fire conditions                                                                                                                                                              |
| Physical hazard     | 1      | material that is normally stable but can become unstable (self-react) at high temperatures and pressures. Material may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors |
| Personal protection | -      |                                                                                                                                                                                                                        |

#### NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

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| Category       | Degree of hazard | Description                                                                                                            |
|----------------|------------------|------------------------------------------------------------------------------------------------------------------------|
| Flammability   | 0                | material that will not burn under typical fire conditions                                                              |
| Health         | 4                | material that, under emergency conditions, can be lethal                                                               |
| Instability    | 0                | material that is normally stable, even under fire conditions                                                           |
| Special hazard | OX               | oxidizer that causes a moderate increase in the burning rate of combustible materials with which it comes into contact |

### National inventories

| Country | Inventory  | Status                       |
|---------|------------|------------------------------|
| AU      | AIIC       | substance is listed          |
| CA      | DSL        | substance is listed          |
| CN      | IECSC      | substance is listed          |
| EU      | ECSI       | substance is listed          |
| EU      | REACH Reg. | substance is listed          |
| JP      | CSCL-ENCS  | substance is listed          |
| KR      | KECI       | substance is listed          |
| MX      | INSQ       | substance is listed          |
| NZ      | NZIoC      | substance is listed          |
| PH      | PICCS      | substance is listed          |
| TW      | TCSI       | substance is listed          |
| US      | TSCA       | substance is listed (ACTIVE) |

#### Legend

|            |                                                                         |
|------------|-------------------------------------------------------------------------|
| AIIC       | Australian Inventory of Industrial Chemicals                            |
| CSCL-ENCS  | List of Existing and New Chemical Substances (CSCL-ENCS)                |
| DSL        | Domestic Substances List (DSL)                                          |
| ECSI       | EC Substance Inventory (EINECS, ELINCS, NLP)                            |
| IECSC      | Inventory of Existing Chemical Substances Produced or Imported in China |
| INSQ       | National Inventory of Chemical Substances                               |
| KECI       | Korea Existing Chemicals Inventory                                      |
| NZIoC      | New Zealand Inventory of Chemicals                                      |
| PICCS      | Philippine Inventory of Chemicals and Chemical Substances (PICCS)       |
| REACH Reg. | REACH registered substances                                             |
| TCSI       | Taiwan Chemical Substance Inventory                                     |
| TSCA       | Toxic Substance Control Act                                             |

## 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance.

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### SECTION 16: Other information, including date of preparation or last revision

#### Abbreviations and acronyms

| Abbr.            | Descriptions of used abbreviations                                                                                                              |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 29 CFR 1910.1000 | 29 CFR 1910.1000, Tables Z-1, Z-2, Z-3 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits) |
| 49 CFR US DOT    | 49 CFR U.S. Department of Transportation                                                                                                        |
| Cal/OSHA PEL     | California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs)                                            |
| CAS              | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)                                          |
| Ceiling-C        | Ceiling value                                                                                                                                   |
| DGR              | Dangerous Goods Regulations (see IATA/DGR)                                                                                                      |
| DOT              | Department of Transportation (USA)                                                                                                              |
| ED               | Endocrine disruptor                                                                                                                             |
| EINECS           | European Inventory of Existing Commercial Chemical Substances                                                                                   |
| ELINCS           | European List of Notified Chemical Substances                                                                                                   |
| EmS              | Emergency Schedule                                                                                                                              |
| ERG No           | Emergency Response Guidebook - Number                                                                                                           |
| IARC             | International Agency for Research on Cancer                                                                                                     |
| IATA             | International Air Transport Association                                                                                                         |
| IATA/DGR         | Dangerous Goods Regulations (DGR) for the air transport (IATA)                                                                                  |
| ICAO             | International Civil Aviation Organization                                                                                                       |
| ICAO-TI          | Technical instructions for the safe transport of dangerous goods by air                                                                         |
| IMDG             | International Maritime Dangerous Goods Code                                                                                                     |
| IMDG-Code        | International Maritime Dangerous Goods Code                                                                                                     |
| NIOSH REL        | National Institute for Occupational Safety and Health (NIOSH): Recommended Exposure Limits (RELs)                                               |
| NLP              | No-Longer Polymer                                                                                                                               |
| NPCA-HMIS® III   | National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition                                   |
| OSHA             | Occupational Safety and Health Administration (United States)                                                                                   |
| PBT              | Persistent, Bioaccumulative and Toxic                                                                                                           |
| PEL              | Permissible exposure limit                                                                                                                      |
| PNEC             | Predicted No-Effect Concentration                                                                                                               |
| ppm              | Parts per million                                                                                                                               |
| STEL             | Short-term exposure limit                                                                                                                       |
| TLV®             | Threshold Limit Values                                                                                                                          |
| TWA              | Time-weighted average                                                                                                                           |
| vPvB             | Very Persistent and very Bioaccumulative                                                                                                        |

#### Key literature references and sources for data

Globally Harmonized System of Classification and Labelling of Chemicals ("Purple book").

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG).

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Dangerous Goods Regulations (DGR) for the air transport (IATA).

### List of relevant phrases (code and full text as stated in section 2 and 3)

| Code | Text                                                  |
|------|-------------------------------------------------------|
| H272 | May intensify fire; oxidizer.                         |
| H301 | Toxic if swallowed.                                   |
| H313 | May be harmful in contact with skin.                  |
| H315 | Causes skin irritation.                               |
| H317 | May cause an allergic skin reaction.                  |
| H319 | Causes serious eye irritation.                        |
| H330 | Fatal if inhaled.                                     |
| H335 | May cause respiratory irritation.                     |
| H340 | May cause genetic defects.                            |
| H350 | May cause cancer.                                     |
| H400 | Very toxic to aquatic life.                           |
| H410 | Very toxic to aquatic life with long lasting effects. |

### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.