

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Ammonium dichromate v.p.

Revision: 02.04.2025

Product code: AC14.00406

Page 1 of 13

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Ammonium dichromate v.p.

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

#### Use of the substance/mixture

Reagents and laboratory chemicals  
Only for laboratory and analysis purposes.

#### Uses advised against

Do not use for private purposes (household).

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

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

Company name: AnalytiChem Services, Unipessoal, Lda  
Street: Rua de Júlio Dinis 676 7º  
Place: N-4050-320 Porto  
Telephone: +351 226002917  
E-mail: info@analytichem.com  
Contact person: SDS service department  
E-mail: SDS@analytichem.com  
Internet: www.analytichem.com  
Responsible Department: SDS service department

#### Supplier or manufacturer details

Company name: AnalytiChem Belgium NV  
Street: Industriezone "De Arend" 2  
Place: B-8210 Zedelgem  
Telephone: +32 50 28 83 20  
E-mail: info.be@analytichem.com  
Contact person: SDS service department  
E-mail: SDS@analytichem.com  
Responsible Department: AnalytiChem:  
EU-Belgium: AnalytiChem Belgium, Industriezone "De Arend" 2, 8210 Zedelgem, Belgium, +32 50 28 83 20  
EU-Germany: AnalytiChem Germany, Stempelstrasse 6, 47167 Duisburg, Germany, +49 203 51 94 – 200  
EU-Netherlands: AnalytiChem Netherlands, Communicatieweg 7, 3641 SG Mijdrecht, The Netherlands, +31 297 286848  
UK: AnalytiChem UK, Unit 7 Launton Business Center, Murdock Road, Bicester, OX26 4XB, England, +44 1869 355 500  
USA: AnalytiChem USA, 227 China Road, Winslow, Maine, 04901, United States, +1 800-244-8378  
Canada: AnalytiChem Canada, 21800 Clark Graham Avenue, Baie d'Urfe, H9X 4B6, Canada, +1 514-457-0701  
Australia: ORE Research & Exploration Pty Ltd, 37A Hosie Street, Bayswater North, 3153, Australia, +61 3 9729 0333  
+353 1 901 4670 (CHEMTREC)

### 1.4. Emergency telephone number:

#### Further Information

No data available

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Ammonium dichromate v.p.

Revision: 02.04.2025

Product code: AC14.00406

Page 2 of 13

## SECTION 2: Hazards identification

**2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

Carc. 1B; H350  
Muta. 1B; H340  
Repr. 1B; H360FD  
Acute Tox. 2; H330  
Acute Tox. 3; H301  
Acute Tox. 4; H312  
Skin Corr. 1B; H314  
Eye Dam. 1; H318  
Resp. Sens. 1; H334  
Skin Sens. 1; H317  
STOT SE 3; H335  
STOT RE 1; H372  
Aquatic Acute 1; H400  
Aquatic Chronic 1; H410

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****Regulation (EC) No 1272/2008**

**Hazard components for labelling**  
ammonium dichromate

**Signal word:** Danger

**Pictograms:**

**Hazard statements**

|        |   |
|--------|---|
| H301   | Toxic if swallowed.   |
| H312   | Harmful in contact with skin.   |
| H314   | Causes severe skin burns and eye damage.  |
| H317   | May cause an allergic skin reaction.  |
| H330   | Fatal if inhaled.   |
| H334   | May cause allergy or asthma symptoms or breathing difficulties if inhaled.  |
| H335   | May cause respiratory irritation.   |
| H340   | May cause genetic defects.  |
| H350   | May cause cancer.   |
| H360FD | May damage fertility. May damage the unborn child.  |
| H372   | Causes damage to organs (central nervous system, kidneys, blood, immune system) through prolonged or repeated exposure. |
| H410   | Very toxic to aquatic life with long lasting effects.   |

**Precautionary statements**

|                |  |
|----------------|--|
| P264           | Wash hands thoroughly after handling.  |
| P260           | Do not breathe dust/fume/gas/mist/vapours/spray.   |
| P280           | Wear protective gloves/protective clothing and eye protection/face protection.                         |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. |

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Ammonium dichromate v.p.

Revision: 02.04.2025

Product code: AC14.00406

Page 3 of 13

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

## Special labelling of certain mixtures

Restricted to professional users.

## 2.3. Other hazards

No data available

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## Relevant ingredients

| CAS No    | Chemical name   |              |          | Quantity     |
|-----------|---|--------------|----------|--------------|
|           | EC No   | Index No     | REACH No |              |
|           | Classification (Regulation (EC) No 1272/2008)   |              |          |              |
| 7789-09-5 | ammonium dichromate   |              |          | 95 - < 100 % |
|           | 232-143-1   | 024-003-00-1 |          |              |
|           | Ox. Sol. 2, Carc. 1B, Muta. 1B, Repr. 1B, Acute Tox. 2, Acute Tox. 3, Acute Tox. 4, Skin Corr. 1B, Resp. Sens. 1, Skin Sens. 1, STOT RE 1, Aquatic Acute 1, Aquatic Chronic 1; H272 H350 H340 H360FD H330 H301 H312 H314 H334 H317 H372 H400 H410 |              |          |              |

Full text of H and EUH statements: see section 16.

## Specific Conc. Limits, M-factors and ATE

| CAS No    | EC No     | Chemical name  | Quantity     |
|-----------|-----------|--|--------------|
|           |           | Specific Conc. Limits, M-factors and ATE   |              |
| 7789-09-5 | 232-143-1 | ammonium dichromate  | 95 - < 100 % |
|           |           | inhalation: ATE = 0,5 mg/l (vapours); inhalation: LC50 = 0,156 mg/l (dusts or mists); dermal: LD50 = 1640 mg/kg; oral: LD50 = 53,75 mg/kg Resp. Sens. 1; H334: >= 0,2 - 100 Skin Sens. 1; H317: >= 0,2 - 100 STOT SE 3; H335: >= 5 - 100 |              |

## Further Information

This substance has been listed as SVHC (substance of very high concern) in the Candidate List according to Article 59 of REACH.

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

## General information

First aider: Pay attention to self-protection!  
Take off immediately all contaminated clothing.  
Call a physician immediately.

## After inhalation

Provide fresh air.  
If breathing is irregular or stopped, administer artificial respiration.  
Call a physician immediately.

## After contact with skin

Wash immediately with: Water  
Take off immediately all contaminated clothing and wash it before reuse.  
Call a physician immediately.

## After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Ammonium dichromate v.p.

Revision: 02.04.2025

Product code: AC14.00406

Page 4 of 13

apart and consult an ophthalmologist.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
Protect uninjured eye.  
Call a physician immediately.

#### After ingestion

Rinse mouth immediately and drink plenty of water.  
Do NOT induce vomiting.  
Call a physician immediately.

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

Irritant  
Dizziness  
The product causes narcotic-like effects.  
Inebriation  
Vomiting

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

No data available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

##### Unsuitable extinguishing media

no restriction

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

Non-combustible solids  
Oxidizing

#### 5.3. Advice for firefighters

Remove persons to safety. Do not inhale explosion and combustion gases.  
Avoid contact with skin, eyes and clothes.  
In case of fire: Wear self-contained breathing apparatus.  
Use water spray jet to protect personnel and to cool endangered containers.

#### Additional information

Suppress gases/vapours/mists with water spray jet.  
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.  
Move undamaged containers from immediate hazard area if it can be done safely.

### SECTION 6: Accidental release measures

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

##### For non-emergency personnel

Provide adequate ventilation.  
Use personal protection equipment.  
Avoid contact with skin, eyes and clothes.  
Remove persons to safety.  
Emergency procedures  
Consult an expert  
Do not breathe dust/fume/gas/mist/vapours/spray.

##### For emergency responders

Precautionary statements For emergency responders : Personal protection equipment: see section 8

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Ammonium dichromate v.p.**

Revision: 02.04.2025

Product code: AC14.00406

Page 5 of 13

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up****For containment**

Cover drains.  
Prevent spread over a wide area (e.g. by containment or oil barriers).  
Collect in closed and suitable containers for disposal.  
Take up carefully when dry. Take up dust-free and set down dust-free.

**For cleaning up**

Clean contaminated articles and floor according to the environmental legislation.

**Other information**

Provide adequate ventilation.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Wear breathing apparatus if exposed to vapours/dusts/aerosols.

**6.4. Reference to other sections**

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Read label before use. Handle and open container with care.  
Avoid dust formation. Do not breathe dust.  
When using do not eat, drink, smoke, sniff. Keep container tightly closed.  
Use personal protection equipment. Use extractor hood (laboratory).  
Provide adequate ventilation. Avoid contact with skin, eyes and clothes.

**Advice on protection against fire and explosion**

Usual measures for fire prevention.

**Advice on general occupational hygiene**

Keep away from food, drink and animal feedingstuffs. Make available sufficient washing facilities  
Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

**Further information on handling**

Draw up and observe skin protection programme.  
Wash hands and face before breaks and after work and take a shower if necessary.  
Take off immediately all contaminated clothing and wash it before reuse.  
If handled uncovered, arrangements with local exhaust ventilation have to be used.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Store in a well-ventilated place. Keep container tightly closed.  
Store in a place accessible by authorized persons only.

**Hints on joint storage**

national regulations

**Further information on storage conditions**

Store in a dry place.

**7.3. Specific end use(s)**

Laboratory use Laboratory chemical

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Ammonium dichromate v.p.

Revision: 02.04.2025

Product code: AC14.00406

Page 6 of 13

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## Occupational exposure limits

| CAS No | Substance                                     | ppm | mg/m <sup>3</sup> | fib/cm <sup>3</sup> | Category  | Origin |
|--------|---|-----|-------------------|---------------------|-----------|--------|
| -      | Chromium (VI) compounds (as Cr) Water soluble | -   | 0,005             |                     | TWA (8 h) |        |

## Biological limit values

| CAS No | Substance                            | Parameter      | Value   | Test material | Sampling time                   |
|--------|--------------------------------------|----------------|---------|---------------|---------------------------------|
| -      | Chromium VI, water soluble compounds | Total chromium | 25 µg/L | Urine         | End of shift at end of workweek |

## 8.2. Exposure controls

## Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

If handled uncovered, arrangements with local exhaust ventilation have to be used.

Avoid dust formation. Do not breathe dust.

## Individual protection measures, such as personal protective equipment

## Eye/face protection

goggles

Wear eye protection/face protection.

## Hand protection

Protective gloves are recommended Company KCL GmbH, D-36124 Eichenzell, email: [vertrieb@kcl.de](mailto:vertrieb@kcl.de) With specification (test according to EN374):

By long-term hand contact

Trade name/designation KCL 741 Dermatril® L

Suitable material: NBR (Nitrile rubber) 0,11 mm

Wearing time with permanent contact: > 480 min

By short-term hand contact

Trade name/designation KCL 741 Dermatril® L

Suitable material: NBR (Nitrile rubber) 0,11 mm

Wearing time with occasional contact (splashes): > 480 min

The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types. This recommendation applies only to the product stated in the safety data sheet<(>,<)> supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: [www.kcl.de](http://www.kcl.de)).

## Skin protection

Wear suitable protective clothing.

Take off immediately all contaminated clothing.

Wash hands before breaks and after work.

The choice of body protection depends on the concentration and quantity of hazardous substances. The chemical resistance of protective agents must be clarified with their suppliers.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Ammonium dichromate v.p.

Revision: 02.04.2025

Product code: AC14.00406

Page 7 of 13

#### Respiratory protection

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Filtering device with filter or ventilator filtering device of type: P3

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

#### Environmental exposure controls

Do not allow to enter into surface water or drains.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                        |
|---|------------------------|
| Physical state:   | solid                  |
| Colour:   | orange                 |
| Odour:  | No data available      |
| Odour threshold:  | No data available      |
| Melting point/freezing point:                             | 180 °C                 |
| Boiling point or initial boiling point and boiling range: | No data available      |
| Flammability:   | No data available      |
| Lower explosion limits:                                   | No data available      |
| Upper explosion limits:                                   | No data available      |
| Flash point:  | No data available      |
| Auto-ignition temperature:                                | No data available      |
| Decomposition temperature:                                | No data available      |
| pH-Value:   | No data available      |
| Viscosity / kinematic:                                    | No data available      |
| Water solubility:   | No data available      |
| Solubility in other solvents                              | No data available      |
| Dissolution rate:   | No data available      |
| Partition coefficient n-octanol/water:                    | No data available      |
| Dispersion stability:                                     | No data available      |
| Vapour pressure:  | No data available      |
| Density:  | 2.15 g/cm <sup>3</sup> |
| Relative density:   | No data available      |
| Bulk density:   | No data available      |
| Relative vapour density:                                  | No data available      |
| Particle characteristics:                                 | No data available      |

### 9.2. Other information

#### Information with regard to physical hazard classes

Explosive properties

No data available

Sustained combustibility:

No data available

Self-ignition temperature

Solid:

No data available

Gas:

No data available

Oxidizing properties

No data available

#### Other safety characteristics

Evaporation rate:

No data available

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Ammonium dichromate v.p.

Revision: 02.04.2025

Product code: AC14.00406

Page 8 of 13

|                          |                   |
|--------------------------|-------------------|
| Solvent separation test: | No data available |
| Solvent content:         | 0                 |
| Solid content:           | No data available |
| Sublimation point:       | No data available |
| Softening point:         | No data available |
| Pour point:              | No data available |
| No data available:       |                   |
| Viscosity / dynamic:     | No data available |
| Flow time:               | No data available |

#### Further Information

No data available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No data available

#### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

Aluminium  
Powdered metals  
Carbide  
Sulphur oxides  
Hydrogen peroxide  
Hydrogen halide  
boron  
Alkali metals  
edible oil and fat  
Fluorine

#### 10.4. Conditions to avoid

No data available

#### 10.5. Incompatible materials

No data available

#### 10.6. Hazardous decomposition products

No data available

#### Further information

No data available

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### Toxicokinetics, metabolism and distribution

No data available

##### Acute toxicity

Fatal if inhaled.  
Toxic if swallowed.  
Harmful in contact with skin.

##### ATEmix calculated

ATE (oral) 55,40 mg/kg; ATE (dermal) 1691 mg/kg; ATE (inhalation vapour) 0,5200 mg/l; ATE (inhalation dust/mist) 0,1610 mg/l



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Ammonium dichromate v.p.

Revision: 02.04.2025

Product code: AC14.00406

Page 9 of 13

| CAS No    | Chemical name              |                  |         |        |        |
|-----------|----------------------------|------------------|---------|--------|--------|
|           | Exposure route             | Dose             | Species | Source | Method |
| 7789-09-5 | ammonium dichromate        |                  |         |        |        |
|           | oral                       | LD50 53,75 mg/kg | Rat     | IUCLID |        |
|           | dermal                     | LD50 1640 mg/kg  | Rabbit  | IUCLID |        |
|           | inhalation vapour          | ATE 0,5 mg/l     |         |        |        |
|           | inhalation (4 h) dust/mist | LC50 0,156 mg/l  | Rat     | IUCLID |        |

**Irritation and corrosivity**

Skin corrosion/irritation: Causes severe skin burns and eye damage.

Serious eye damage/eye irritation: Causes serious eye damage.

**Sensitising effects**

May cause allergy or asthma symptoms or breathing difficulties if inhaled. (ammonium dichromate)

May cause an allergic skin reaction. (ammonium dichromate)

**Carcinogenic/mutagenic/toxic effects for reproduction**

May cause cancer. (ammonium dichromate)

May cause genetic defects. (ammonium dichromate)

May damage fertility. May damage the unborn child. (ammonium dichromate)

**STOT-single exposure**

May cause respiratory irritation. (ammonium dichromate)

**STOT-repeated exposure**

Causes damage to organs through prolonged or repeated exposure. (ammonium dichromate)

Organs affected:

central nervous system

kidneys

blood

immune system

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Information on likely routes of exposure**

No data available

**Specific effects in experiment on an animal**

No data available

**Additional information on tests**

No data available

**Practical experience**

No data available

**11.2. Information on other hazards****Endocrine disrupting properties**

No data available

**Other information**

Danger of cumulative effects.

**Further information**

Vomiting

Gastrointestinal complaints

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Ammonium dichromate v.p.

Revision: 02.04.2025

Product code: AC14.00406

Page 10 of 13

For lead compounds in general, only very high doses lead to acute poisoning cases. After a latency period of several hours, metallic taste, nausea, vomiting, and colicky pains occur, often followed by shock. Chronic exposure to the substance causes peripheral muscle weakness ("wrist drop"), anaemia, and central nervous disorders. Women of childbearing age should not be exposed to the substance for extended periods (note the threshold for triggering).

## SECTION 12: Ecological information

## 12.1. Toxicity

| CAS No    | Chemical name       |      |           |         |                     |        |
|-----------|---------------------|------|-----------|---------|---------------------|--------|
|           | Aquatic toxicity    | Dose | [h]   [d] | Species | Source              | Method |
| 7789-09-5 | ammonium dichromate |      |           |         |                     |        |
|           | Acute fish toxicity | LC50 | 110 mg/l  | 96 h    | Lepomis macrochirus | HSDB   |

## 12.2. Persistence and degradability

No data available

## 12.3. Bioaccumulative potential

No data available

## 12.4. Mobility in soil

No data available

## 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

## 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

## 12.7. Other adverse effects

No data available

## Further information

Do not allow to enter into surface water or drains.  
Discharge into the environment must be avoided.

## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

## Disposal recommendations

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.  
Send to a physico-chemical treatment facility under observation of official regulations.  
Do not allow to enter into surface water or drains.

## Contaminated packaging

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.  
Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

## Land transport (ADR/RID)

|                                   |                     |
|-----------------------------------|---------------------|
| 14.1. UN number or ID number:     | UN 1439             |
| 14.2. UN proper shipping name:    | AMMONIUM DICHROMATE |
| 14.3. Transport hazard class(es): | 5.1                 |
| 14.4. Packing group:              | II                  |
| Hazard label:                     | 5.1                 |

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Ammonium dichromate v.p.

Revision: 02.04.2025

Product code: AC14.00406

Page 11 of 13

Classification code: O2  
 Limited quantity: 1 kg  
 Excepted quantity: E2  
 Transport category: 2  
 Hazard No: 50  
 Tunnel restriction code: E

#### Inland waterways transport (ADN)

**14.1. UN number or ID number:** UN 1439  
**14.2. UN proper shipping name:** AMMONIUM DICHROMATE  
**14.3. Transport hazard class(es):** 5.1  
**14.4. Packing group:** II  
 Hazard label: 5.1  
 Classification code: O2  
 Limited quantity: 1 kg  
 Excepted quantity: E2

#### Marine transport (IMDG)

**14.1. UN number or ID number:** UN 1439  
**14.2. UN proper shipping name:** AMMONIUM DICHROMATE  
**14.3. Transport hazard class(es):** 5.1  
**14.4. Packing group:** II  
 Hazard label: 5.1  
 Special Provisions: -  
 Limited quantity: 1 kg  
 Excepted quantity: E2  
 EmS: F-H, S-Q  
 Segregation group: 2 - ammonium compounds

#### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number or ID number:** UN 1439  
**14.2. UN proper shipping name:** AMMONIUM DICHROMATE  
**14.3. Transport hazard class(es):** 5.1  
**14.4. Packing group:** II  
 Hazard label: 5.1  
 Limited quantity Passenger: 2.5 kg  
 Passenger LQ: Y544  
 Excepted quantity: E2  
 IATA-packing instructions - Passenger: 558  
 IATA-max. quantity - Passenger: 5 kg  
 IATA-packing instructions - Cargo: 562  
 IATA-max. quantity - Cargo: 25 kg

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes  
 Danger releasing substance: ammonium dichromate

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### EU regulatory information

Authorisations (REACH, annex XIV):  
 ammonium dichromate  
 Restrictions on use (REACH, annex XVII):  
 Entry 28, Entry 75

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Ammonium dichromate v.p.

Revision: 02.04.2025

Product code: AC14.00406

Page 12 of 13

Information according to Directive  
2012/18/EU (SEVESO III):

H2 ACUTE TOXIC

Additional information:

E1

## National regulatory information

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe employment restrictions for women of child-bearing age.

Water hazard class (D):

3 - highly hazardous to water

## SECTION 16: Other information

## Abbreviations and acronyms

Ox. Sol. 2: Oxidising solids, hazard category 2

Acute Tox. 2: Acute toxicity, hazard category 2

Skin Corr. 1B: Skin corrosion, sub-category 1B

Eye Dam. 1: Serious eye damage, hazard category 1

Resp. Sens. 1: Respiratory sensitisation, hazard category 1

Skin Sens. 1: Skin sensitisation, hazard category 1

Muta. 1B: Germ cell mutagenicity, hazard category 1B

Carc. 1B: Carcinogenicity, hazard category 1B

Repr. 1B: Reproductive toxicity, hazard category 1B

STOT SE 3: Specific target organ toxicity - single exposure, hazard category 3

STOT RE 1: Specific target organ toxicity - repeated exposure, hazard category 1

Aquatic Acute 1: Hazardous to the aquatic environment, hazard category: Acute 1

Aquatic Chronic 1: Hazardous to the aquatic environment, long-term hazard category: Chronic 1

## Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

| Classification          | Classification procedure |
|-------------------------|--------------------------|
| Carc. 1B; H350          | Calculation method       |
| Muta. 1B; H340          | Calculation method       |
| Repr. 1B; H360FD        | Calculation method       |
| Acute Tox. 2; H330      | Calculation method       |
| Acute Tox. 3; H301      | Calculation method       |
| Acute Tox. 4; H312      | Calculation method       |
| Skin Corr. 1B; H314     | Calculation method       |
| Eye Dam. 1; H318        | Calculation method       |
| Resp. Sens. 1; H334     | Calculation method       |
| Skin Sens. 1; H317      | Calculation method       |
| STOT SE 3; H335         | Calculation method       |
| STOT RE 1; H372         | Calculation method       |
| Aquatic Acute 1; H400   | Calculation method       |
| Aquatic Chronic 1; H410 | Calculation method       |

## Relevant H and EUH statements (number and full text)

|      |  |
|------|--|
| H272 | May intensify fire; oxidiser.            |
| H301 | Toxic if swallowed.                      |
| H312 | Harmful in contact with skin.            |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction.     |

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Ammonium dichromate v.p.**

Revision: 02.04.2025

Product code: AC14.00406

Page 13 of 13

|        |   |
|--------|---|
| H318   | Causes serious eye damage.  |
| H330   | Fatal if inhaled.   |
| H334   | May cause allergy or asthma symptoms or breathing difficulties if inhaled.  |
| H335   | May cause respiratory irritation.   |
| H340   | May cause genetic defects.  |
| H350   | May cause cancer.   |
| H360FD | May damage fertility. May damage the unborn child.  |
| H372   | Causes damage to organs (central nervous system, kidneys, blood, immune system) through prolonged or repeated exposure. |
| H372   | Causes damage to organs through prolonged or repeated exposure.   |
| H400   | Very toxic to aquatic life.   |
| H410   | Very toxic to aquatic life with long lasting effects.   |

**Further Information**

Provide appropriate information, instructions and training to users

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*