

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### NOx Konverter enthält 4 g Chromtrioxid

Revision date: 28.01.2025

Product code: 33646

Page 1 of 12

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

### **1.1. Product identifier**

NOx Konverter enthält 4 g Chromtrioxid

|                 |                        |
|-----------------|------------------------|
| Substance name: | chromium (VI) trioxide |
| CAS No:         | 1333-82-0              |
| Index No:       | 024-001-00-0           |
| EC No:          | 215-607-8              |

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

#### **Use of the substance/mixture**

Laboratory chemicals

Industrial uses: Uses of substances as such or in preparations at industrial sites

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

#### **Uses advised against**

Do not use for private purposes (household).

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

|                         |                                  |                              |
|-------------------------|----------------------------------|------------------------------|
| Company name:           | AnalytiChem GmbH                 |                              |
|                         | ACD                              |                              |
| Street:                 | Stempelstraße 6                  |                              |
| Place:                  | D-47167 Duisburg                 |                              |
| Telephone:              | 0203/5194-0                      | Telefax: 0203/5194-290       |
| E-mail:                 | info@analytichem.de              |                              |
| Contact person:         | Abteilung Produktsicherheit      | Telephone: 0203/5194-107/117 |
| E-mail:                 | produktsicherheit@analytichem.de |                              |
| Internet:               | www.analytichem.de               |                              |
| Responsible Department: | Abteilung Produktsicherheit      |                              |

### **1.4. Emergency telephone number:**

For Hazardous Materials [or Dangerous Goods] Incidents Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

### **Further Information**

A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) No 1907/2006, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

#### **Regulation (EC) No 1272/2008**

Ox. Sol. 1; H271  
 Carc. 1A; H350  
 Muta. 1B; H340  
 Repr. 2; H361f  
 Acute Tox. 2; H330  
 Acute Tox. 3; H311  
 Acute Tox. 3; H301  
 Skin Corr. 1A; H314  
 Resp. Sens. 1; H334  
 Skin Sens. 1; H317  
 STOT SE 3; H335  
 STOT RE 1; H372  
 Aquatic Acute 1; H400

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### NOx Konverter enthält 4 g Chromtrioxid

Revision date: 28.01.2025

Product code: 33646

Page 2 of 12

Aquatic Chronic 1; H410

Full text of hazard statements: see SECTION 16.

#### 2.2. Label elements

##### Regulation (EC) No 1272/2008

Signal word: Danger

Pictograms:



##### Hazard statements

|       |  |
|-------|--|
| H271  | May cause fire or explosion; strong oxidiser.                              |
| H330  | Fatal if inhaled.  |
| H301  | Toxic if swallowed.  |
| H311  | Toxic in contact with skin.  |
| H314  | Causes severe skin burns and eye damage.                                   |
| H334  | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H317  | May cause an allergic skin reaction.                                       |
| H340  | May cause genetic defects.   |
| H350  | May cause cancer.  |
| H361f | Suspected of damaging fertility.   |
| H335  | May cause respiratory irritation.  |
| H372  | Causes damage to organs through prolonged or repeated exposure.            |
| H410  | Very toxic to aquatic life with long lasting effects.                      |

##### Precautionary statements

|                |  |
|----------------|--|
| P210           | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                   |
| P201           | Obtain special instructions before use.  |
| P220           | Keep away from clothing and other combustible materials.   |
| P260           | Do not breathe dust/fume/gas/mist/vapours/spray.   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.                                    |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.                           |
| 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

#### 3.1. Substances

|                   |             |
|-------------------|-------------|
| Sum formula:      | CrO3        |
| Molecular weight: | 99,99 g/mol |

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### NOx Konverter enthält 4 g Chromtrioxid

Revision date: 28.01.2025

Product code: 33646

Page 3 of 12

#### Relevant ingredients

| CAS No    | Chemical name   |              |          | Quantity |
|-----------|---|--------------|----------|----------|
|           | EC No   | Index No     | REACH No |          |
|           | Classification (Regulation (EC) No 1272/2008)   |              |          |          |
| 1333-82-0 | chromium (VI) trioxide  |              |          | 100 %    |
|           | 215-607-8   | 024-001-00-0 |          |          |
|           | Ox. Sol. 1, Carc. 1A, Muta. 1B, Repr. 2, Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1A, Resp. Sens. 1, Skin Sens. 1, STOT SE 3, STOT RE 1, Aquatic Acute 1, Aquatic Chronic 1; H271 H350 H340 H361f H330 H311 H301 H314 H334 H317 H335 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   |          |
| 1333-82-0 | 215-607-8 | chromium (VI) trioxide   | 100 %    |
|           |           | inhalation: ATE = 0,5 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: LD50 = 57 mg/kg; oral: LD50 = 52 mg/kg STOT SE 3; H335: >= 1 - 100 |          |

#### Further Information

No data available

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

Self-protection of the first aider  
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 apart and consult an ophthalmologist.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
Protect uninjured eye.

##### After ingestion

Rinse mouth immediately and drink plenty of water.  
Do not allow a neutralisation agent to be drunk.  
Call a physician immediately.

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

Irritant  
corrosive  
Cough  
Dyspnoea  
Allergic reactions  
Risk of serious damage to eyes.  
Gastrointestinal complaints  
Pneumonia

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### NOx Konverter enthält 4 g Chromtrioxid

Revision date: 28.01.2025

Product code: 33646

Page 4 of 12

Spasms  
Circulatory collapse  
Unconsciousness  
Methaemoglobin formation

#### **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  
Oxidising properties  
Hazardous combustion products  
In case of fire may be liberated: Metal oxide smoke, toxic

#### **5.3. Advice for firefighters**

Do not inhale explosion and combustion gases.  
Avoid contact with skin, eyes and clothes.  
In case of fire: Wear self-contained breathing apparatus.

#### **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.  
Use water spray jet to protect personnel and to cool endangered containers.

### **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

#### **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.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### NOx Konverter enthält 4 g Chromtrioxid

Revision date: 28.01.2025

Product code: 33646

Page 5 of 12

#### 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

- Avoid exposure - obtain special instructions before use.
- 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

- Material, oxygen-rich, Oxidising
- Keep away from sources of ignition - No smoking.

##### 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

- Keep away from: Combustible substance (Material, oxygen-rich, Oxidising)
- national regulations

##### Further information on storage conditions

- Store in a dry place.
- Keep away from sources of ignition - No smoking.
- storage temperature < +30°C

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

- Laboratory chemicals

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**NOx Konverter enthält 4 g Chromtrioxid**

Revision date: 28.01.2025

Product code: 33646

Page 6 of 12

**PNEC values**

| CAS No   | Substance              | Value          |
|--|------------------------|----------------|
| Environmental compartment                        |                        |                |
| 1333-82-0  | chromium (VI) trioxide |                |
| Freshwater                                       |                        | 0,003 mg/l     |
| Marine water                                     |                        | 0,003 mg/l     |
| Freshwater sediment                              |                        | 0,15 mg/kg     |
| Secondary poisoning                              |                        | 17000000 mg/kg |
| Micro-organisms in sewage treatment plants (STP) |                        | 0,21 mg/l      |
| Soil   |                        | 0,031 mg/kg    |

**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.

**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.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### NOx Konverter enthält 4 g Chromtrioxid

Revision date: 28.01.2025

Product code: 33646

Page 7 of 12

#### 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:   | dark red              |
| Odour:  | odourless             |
| Odour threshold:  | No data available     |
| Melting point/freezing point:                             | 197 °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 (at 20 °C):                                      | <1 (100 g/l)          |
| Viscosity / kinematic:                                    | No data available     |
| Water solubility:   | No data available     |
| Solubility in other solvents                              | No data available     |
| Partition coefficient n-octanol/water:                    | No data available     |
| Vapour pressure:  | No data available     |
| Vapour pressure:  | No data available     |
| Density:  | 2,7 g/cm <sup>3</sup> |
| Bulk density:   | 900 kg/m <sup>3</sup> |
| Relative vapour density:                                  | No data available     |

#### 9.2. Other information

##### Information with regard to physical hazard classes

|                           |                         |
|---------------------------|-------------------------|
| Explosive properties      | No data available       |
| Sustaining combustion:    | No data available       |
| Self-ignition temperature | No data available       |
| Solid:                    | No data available       |
| Gas:                      | No data available       |
| Oxidizing properties      | Oxidising agent, strong |

##### Other safety characteristics

|                          |                   |
|--------------------------|-------------------|
| Evaporation rate:        | No data available |
| Solvent separation test: | No data available |
| Solvent content:         | 0                 |
| Solid content:           | 100%              |
| 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

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**NOx Konverter enthält 4 g Chromtrioxid**

Revision date: 28.01.2025

Product code: 33646

Page 8 of 12

No data available

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

Oxidising agent, strong

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

Combustible substance  
Alkali metals  
Ammonia (NH<sub>3</sub>)  
Hydrazine  
NO<sub>3</sub>  
Reducing agent  
Nitric acid

**10.4. Conditions to avoid**

Heat

**10.5. Incompatible materials**

No data available

**10.6. Hazardous decomposition products**

In case of fire may be liberated:  
SECTION 5: Firefighting measures

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

| CAS No    | Chemical name          |               |         |                           |                    |
|-----------|------------------------|---------------|---------|---------------------------|--------------------|
|           | Exposure route         | Dose          | Species | Source                    | Method             |
| 1333-82-0 | chromium (VI) trioxide |               |         |                           |                    |
|           | oral                   | LD50 52 mg/kg | Rat     | Other company data (1987) | OECD Guideline 401 |
|           | dermal                 | LD50 57 mg/kg | Rabbit  | Other company data (1987) | OECD Guideline 402 |
|           | inhalation vapour      | ATE 0,5 mg/l  |         |                           |                    |
|           | inhalation dust/mist   | ATE 0,05 mg/l |         |                           |                    |

**Irritation and corrosivity**

Skin corrosion/irritation: Causes severe skin burns and eye damage.  
Serious eye damage/eye irritation: Causes serious eye damage.  
If swallowed danger of perforation of the esophagus and the stomach (strong corrosive effects).



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### NOx Konverter enthält 4 g Chromtrioxid

Revision date: 28.01.2025

Product code: 33646

Page 9 of 12

#### Sensitising effects

May cause allergy or asthma symptoms or breathing difficulties if inhaled. (chromium (VI) trioxide)  
May cause an allergic skin reaction. (chromium (VI) trioxide)

#### Carcinogenic/mutagenic/toxic effects for reproduction

May cause genetic defects. (chromium (VI) trioxide)  
May cause cancer. (chromium (VI) trioxide)  
Suspected of damaging fertility. (chromium (VI) trioxide)

#### STOT-single exposure

May cause respiratory irritation. (chromium (VI) trioxide)

#### STOT-repeated exposure

Causes damage to organs through prolonged or repeated exposure. (chromium (VI) trioxide)

#### Aspiration hazard

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

#### 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

#### Other information

No data available

#### Further information

Irritant  
corrosive  
Cough  
Dyspnoea  
Allergic reactions  
Risk of serious damage to eyes.  
Gastrointestinal complaints  
Pneumonia  
Spasms  
Circulatory collapse  
Unconsciousness  
Methaemoglobin formation

## SECTION 12: Ecological information

### 12.1. Toxicity

Very toxic to aquatic life.  
Very toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

The methods for determining the biological degradability are not applicable to inorganic substances.

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

### 12.6. Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to non-target organisms.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**NOx Konverter enthält 4 g Chromtrioxid**

Revision date: 28.01.2025

Product code: 33646

Page 10 of 12

**12.7. Other adverse effects**

Discharge into the environment must be avoided.  
Harmful effect due to pH shift.

**Further information**

Do not allow to enter into surface water or drains.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal recommendations**

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.  
Dispose of waste according to applicable legislation.  
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 1463  
**14.2. UN proper shipping name:** CHROMIUM TRIOXIDE, ANHYDROUS  
**14.3. Transport hazard class(es):** 5.1  
**14.4. Packing group:** II  
Hazard label: 5.1+6.1+8  
Classification code: OTC  
Special Provisions: 510  
Limited quantity: 1 kg  
Excepted quantity: E2  
Transport category: 2  
Hazard No: 568  
Tunnel restriction code: E

**Inland waterways transport (ADN)**

**14.1. UN number or ID number:** UN 1463  
**14.2. UN proper shipping name:** CHROMIUM TRIOXIDE, ANHYDROUS  
**14.3. Transport hazard class(es):** 5.1  
**14.4. Packing group:** II  
Hazard label: 5.1+6.1+8  
Classification code: OTC  
Special Provisions: 510  
Limited quantity: 1 kg  
Excepted quantity: E2

**Marine transport (IMDG)**

**14.1. UN number or ID number:** UN 1463  
**14.2. UN proper shipping name:** CHROMIUM TRIOXIDE, ANHYDROUS  
**14.3. Transport hazard class(es):** 5.1  
**14.4. Packing group:** II  
Hazard label: 5.1+6.1+8  
Special Provisions: -  
Limited quantity: 1 kg  
Excepted quantity: E2

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### NOx Konverter enthält 4 g Chromtrioxid

Revision date: 28.01.2025

Product code: 33646

Page 11 of 12

EmS: F-A, S-Q

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

|  |                              |
|--|------------------------------|
| <b>14.1. UN number or ID number:</b>     | UN 1463                      |
| <b>14.2. UN proper shipping name:</b>    | CHROMIUM TRIOXIDE, ANHYDROUS |
| <b>14.3. Transport hazard class(es):</b> | 5.1                          |
| <b>14.4. Packing group:</b>              | II                           |
| Hazard label:                            | 5.1+6.1+8                    |
| 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: | chromium trioxide |

### 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):

chromium (VI) trioxide

Restrictions on use (REACH, annex XVII):

Entry 28, Entry 75

Information according to Directive 2012/18/EU (SEVESO III): H2 ACUTE TOXIC

Additional information: P8, E1

##### Additional information

SVHC substance.

##### 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

#### Changes

This data sheet contains changes from the previous version in section(s): 1,2,3,4,6,8,9,11,12,13.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**NOx Konverter enthält 4 g Chromtrioxid**

Revision date: 28.01.2025

Product code: 33646

Page 12 of 12

**Abbreviations and acronyms**

Ox. Sol: Oxidising solid  
Acute Tox: Acute toxicity  
Skin Corr: Skin corrosion  
Eye Dam: Eye damage  
Resp. Sens: Respiratory sensitisation  
Skin Sens: Skin sensitisation  
Muta: Germ cell mutagenicity  
Carc: Carcinogenicity  
Repr: Reproductive toxicity  
STOT SE: Specific target organ toxicity - single exposure  
STOT RE: Specific target organ toxicity - repeated exposure  
Aquatic Acute: Acute aquatic hazard  
Aquatic Chronic: Chronic aquatic hazard

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

H271 May cause fire or explosion; strong oxidiser.  
H301 Toxic if swallowed.  
H310 Fatal in contact with skin.  
H311 Toxic in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
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.  
H361f Suspected of damaging fertility.  
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.