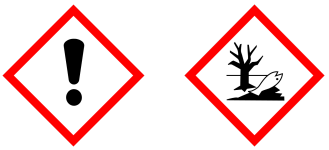
# HIGHJEN Bleach Tablets

Safety Data Sheet according to Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by Regulation (EU) 2020/878

| SDS NUMBER | VERSION | REVISION DATE | SUPERSEDES | LANGUAGE |
|---|---|---|---|---|
| HXC-SDS-HJ-BT | 1.0 | 04.11.2026 | – | EN |

## PRODUCT SAFETY SUMMARY

| | |
|---|---|
| Product name | **HIGHJEN Bleach Tablets** |
| Product type | **Bleaching and cleaning tablet (dissolved in water before or during use)** |
| UFI | **63U2-30PN-D00R-HAJ7** |
| Use | **Bleach tablet (consumer use)** |
| Signal word | **Warning** |



GHS07 GHS09

**Warning**

**H302** Harmful if swallowed.
**H319** Causes serious eye irritation.
**H335** May cause respiratory irritation.
**H410** Very toxic to aquatic life with long lasting effects.
**EUH031** Contact with acids liberates toxic gas.
**EUH206** Warning! Do not use together with other products. May release dangerous gases (chlorine).

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

### 1.1 Product identifier

| | |
|---|---|
| Product form | Mixture |
| Trade name | HIGHJEN Bleach Tablets |
| Variant(s) | Chlorine-based bleaching tablet (troclosene sodium), white, scored |
| Pack sizes | 32 tablets × 5 g (160 g) |
| Product code | HJ-BT |
| UFI | 63U2-30PN-D00R-HAJ7 |
| Product type | Bleaching and cleaning tablet (dissolved in water before or during use) |

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

| | |
|---|---|
| Identified use | Laundry bleaching (whites) and household cleaning: washing machine 1 tablet in the drum with the detergent; hand soaking 2 tablets in 10 L of water; dishwasher 1 tablet with the detergent; toilet bowl 1 tablet; tiles, floors, bathroom surfaces and waste bins 1 tablet dissolved in 1 – 4 L of water, followed by rinsing. |
| Use category | Consumer use (general public); professional use. |
| Uses advised against | Do not mix with other cleaning products, acids (e.g. acidic toilet cleaners, descalers, vinegar) or products containing ammonia. Not for treating drinking water, swimming pools or food. Do not use on wool, silk, coloured or non-colourfast fabrics, marble, natural stone, wood, aluminium, silver or decorated porcelain. Do not leave tablets permanently in the cistern. Uses other than those identified are not recommended. |

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

| | |
|---|---|
| Manufacturer / supplier | HomeXCare Kozmetik Sanayi ve Ticaret Ltd. Şti.<br>Tahtakale Mah. Fırat 1 Cad. Bahçe City B Blok No: 4/1 İç Kapı No: 50<br>34320 Avcılar / İstanbul, Türkiye |
| Telephone | +90 534 010 11 05 |
| E-mail | info@homexcare.com |
| Website | www.homexcare.com |
| E-mail address of the person responsible for this SDS | info@homexcare.com |

### 1.4 Emergency telephone number

In case of emergency contact the national poison centre of the country of use (list of appointed bodies: poisoncentres.echa.europa.eu). General emergency number in the EU: 112.

| Country | Organisation | Telephone | Remarks |
|---|---|---|---|
| Türkiye | Ulusal Zehir Danışma Merkezi (UZEM) | 114 | 24 h |
| Bulgaria | National Toxicological Information Centre, UMBAL "N. I. Pirogov", Sofia | +359 2 9154 233 | |
| Croatia | Poison Control Centre, Institute for Medical Research and Occupational Health, Zagreb | +385 1 2348 342 | |
| Czech Republic | Toxikologické informační středisko (TIS), Prague | +420 224 919 293 / +420 224 915 402 | 24 h |
| Germany | Giftnotruf der Charité – Universitätsmedizin Berlin | +49 30 30686 700 | 24 h |
| Greece | Poison Information Centre, Athens | +30 210 77 93 777 | 24 h |
| Hungary | Egészségügyi Toxikológiai Tájékoztató Szolgálat (ETTSZ) | +36 80 20 11 99 | 24 h, calls from Hungary |

Company (office hours, not an emergency service): +90 534 010 11 05

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

| Hazard class and category | Hazard statement |
|---|---|
| Acute Tox. 4 | H302 – Harmful if swallowed. |
| Eye Irrit. 2 | H319 – Causes serious eye irritation. |
| STOT SE 3 | H335 – May cause respiratory irritation. |
| Aquatic Acute 1 | H400 – Very toxic to aquatic life. |
| Aquatic Chronic 1 | H410 – Very toxic to aquatic life with long lasting effects. |

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008 [CLP]**



GHS07



GHS09

| | |
|---|---|
| Hazard pictograms | GHS07 – Exclamation mark, GHS09 – Environment |
| Signal word | Warning |

| | |
|---|---|
| Hazardous components which must be listed on the label | Troclosene sodium (sodium dichloroisocyanurate) |

**Hazard statements**

| | |
|---|---|
| **H302** | Harmful if swallowed. |
| **H319** | Causes serious eye irritation. |
| **H335** | May cause respiratory irritation. |
| **H410** | Very toxic to aquatic life with long lasting effects. |

**Supplemental hazard information (EU)**

| | |
|---|---|
| **EUH031** | Contact with acids liberates toxic gas. |
| **EUH206** | Warning! Do not use together with other products. May release dangerous gases (chlorine). |

**Precautionary statements**

| | |
|---|---|
| **P102** | Keep out of reach of children. |
| **P273** | Avoid release to the environment. |
| **P280** | Wear protective gloves/eye protection/face protection. |
| **P301+P312** | IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. |
| **P305+P351+P338** | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| **P501** | Dispose of contents/container in accordance with local/national regulations. |

**Supplemental label information**

| | |
|---|---|
| UFI | 63U2-30PN-D00R-HAJ7 |
| Tactile warning of danger | Required — packaging supplied to the general public must bear a tactile warning of danger (CLP Annex II, 3.2; EN ISO 11683). |
| Detergent labelling (Regulation (EC) No 648/2004, Annex VII) | 30 % or more: chlorine-based bleaching agents. |

### 2.3 Other hazards

Based on the information available for the components, the mixture does not contain substances that meet the criteria for PBT or vPvB (REACH Annex XIII) or for PMT or vPvM (CLP, as amended by Regulation (EU) 2023/707), at a concentration of 0.1 % or more.

The mixture does not contain substances included in the list established in accordance with Article 59(1) of REACH for having endocrine-disrupting properties, nor substances identified as having endocrine-disrupting properties in accordance with the criteria of Commission Delegated Regulation (EU) 2017/2100, Commission Regulation (EU) 2018/605 or Regulation (EC) No 1272/2008 as amended by Regulation (EU) 2023/707, at a concentration of 0.1 % or more.

Contact with acids or with other cleaning products (in particular acidic toilet cleaners and products containing ammonia) releases chlorine or chloramine gas (see Section 10).

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable (the product is a mixture).

### 3.2 Mixtures

| Substance name | Identifiers | REACH registration no. | % (w/w) | Classification (EC) No 1272/2008 [CLP] |
|---|---|---|---|---|
| Troclosene sodium (sodium dichloroisocyanurate) | CAS: 2893-78-9<br>EC: 220-767-7<br>Index: 613-030-00-X | – | ≥ 45 – < 50 | Acute Tox. 4, H302<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410<br>EUH031 |
| Sodium hydrogen carbonate | CAS: 144-55-8<br>EC: 205-633-8 | – | ≥ 25 – < 35 | Not classified |
| Adipic acid | CAS: 124-04-9<br>EC: 204-673-3<br>Index: 607-144-00-9 | – | ≥ 15 – < 20 | Eye Irrit. 2, H319 |

**Specific concentration limits, M-factors and ATE**

| Substance | Specific concentration limits / M-factors / ATE |
|---|---|
| Troclosene sodium | Acute Tox. 4* (minimum classification, CLP Annex VI): converted acute toxicity point estimate ATE (oral) = 500 mg/kg bw (CLP Annex I, Table 3.1.2). |

Remainder: tablet excipients (sodium sulphate, tableting aid), not classified as hazardous. Available chlorine approx. 28 – 32 % (calculated).

Full text of the hazard statements: see Section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

| | |
|---|---|
| General | If medical advice is needed, have product container or label at hand. Never give anything by mouth to an unconscious person. |
| Inhalation | Remove the person to fresh air and keep comfortable for breathing (dust or chlorine released on contact with acids). Call a POISON CENTRE or doctor if you feel unwell. |
| Skin contact | Brush off tablet fragments, wash with plenty of water. Take off contaminated clothing and wash it before reuse. |
| Eye contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists, get medical advice. |
| Ingestion | Rinse mouth. Drink a glass of water. Do not induce vomiting. Call a POISON CENTRE or doctor if you feel unwell. |

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

| | |
|---|---|
| Eyes | Serious eye irritation: pain, redness, tearing. |
| Inhalation | Irritation of nose, throat and respiratory tract (coughing, shortness of breath), in particular when chlorine gas has been released. |
| Ingestion | Harmful if swallowed: irritation of mouth, throat and stomach, nausea, vomiting. |
| Skin | Prolonged contact with moist tablets may cause irritation. |

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

Treat symptomatically. After significant inhalation of chlorine gas keep the person under medical observation, as respiratory symptoms (pulmonary oedema) may be delayed.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

| | |
|---|---|
| Suitable extinguishing media | Plenty of water (flood with water); water spray to cool containers. |
| Unsuitable extinguishing media | Dry chemical powders containing ammonium compounds (e.g. ABC powder) — risk of formation of explosive nitrogen trichloride. Small quantities of water on the product (see Section 10). |

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

The product itself is not flammable. On heating or in a fire the active substance decomposes and may promote the burning of combustible material; chlorine, nitrogen trichloride, cyanogen chloride, hydrogen chloride, nitrogen oxides and carbon oxides may be released.

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus and full protective clothing. Cool exposed containers with water spray. Prevent fire-fighting water from entering drains or surface water; collect it separately.

## SECTION 6: Accidental release measures

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

Avoid dust formation and inhalation of dust or gas. Wear protective gloves and eye protection. Ensure adequate ventilation. Keep acids and ammonia-containing products away from the spill.

### 6.2 Environmental precautions

Do not allow the product to enter drains, surface water or soil (very toxic to aquatic life). Inform the authorities if larger quantities have entered water bodies or sewers.

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

Collect tablets and fragments mechanically (dry) into a clean, dry, labelled container; do not use sawdust or other combustible absorbents and do not close containers holding wet product. Wash the area with plenty of water afterwards.

### 6.4 Reference to other sections

See Sections 7, 8 and 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Use only as directed. Dissolve the tablet in water; do not apply the undissolved tablet to fabrics or surfaces. Never mix with other cleaning products, acids or ammonia-containing products. Handle with dry hands; avoid breathing dust; ensure good ventilation. Do not eat, drink or smoke when using this product. Wash hands after use.

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

Store in the original, tightly closed packaging in a cool, dry, well-ventilated place (5 – 35 °C), protected from moisture, heat and direct sunlight. Store away from acids, ammonium salts, urea, reducing agents, combustible materials, calcium hypochlorite and other chlorine products. Keep away from food and drink. Keep out of reach of children.

### 7.3 Specific end use(s)

Laundry bleaching and household cleaning (bleach tablet).

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

| | |
|---|---|
| Mixture | No occupational exposure limits established for the mixture. |
| Chlorine (may be released, CAS 7782-50-5) | EU indicative limit value (Directive 2006/15/EC): STEL 0.5 ppm (1.5 mg/m³). Observe national limit values. |
| Dust | Observe national limit values for inhalable/respirable dust where applicable. |

### 8.2 Exposure controls

| | |
|---|---|
| Engineering controls | Good general ventilation; local exhaust ventilation where dust is formed during industrial handling. |
| Eye protection | Safety glasses with side shields (EN 166); tight-fitting goggles for industrial handling of unpacked tablets. |
| Hand protection | Protective gloves (nitrile, neoprene or PVC, EN ISO 374). |
| Respiratory protection | Not required under normal consumer use with good ventilation. Industrial handling with dust or gas release: combination filter P2/B (EN 14387, EN 143). |
| Environmental exposure controls | Prevent release to drains and surface water other than through intended use (see Section 6.2). |
| Hygiene measures | Wash hands after handling. Do not eat, drink or smoke when using this product. |

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

| Property | Value / remarks |
|---|---|
| Physical state | Solid — tablet (5 g), scored |
| Colour | White |
| Odour | Slight chlorine odour |
| Odour threshold | Not determined |
| Melting point/freezing point | Not determined |
| Boiling point or initial boiling point and boiling range | Not applicable |
| Flammability | Not flammable |
| Lower and upper explosion limit | Not applicable |
| Flash point | Not applicable (solid) |
| Auto-ignition temperature | Not applicable |
| Decomposition temperature | Troclosene sodium: approx. 240 °C (decomposition) |
| pH | approx. 5.5 – 7 (1 % aqueous solution) |
| Kinematic viscosity | Not applicable (solid) |
| Solubility | Soluble in water (effervescent; dissolves within a few minutes) |
| Partition coefficient n-octanol/water (log value) | Not applicable (mixture) |
| Vapour pressure | Not applicable |
| Density and/or relative density | approx. 1.5 – 1.9 g/cm³ (tablet) |
| Relative vapour density | Not applicable |
| Particle characteristics | Not applicable (tablet) |

### 9.2 Other information

9.2.1 Oxidising properties: the mixture is not classified as an oxidising solid; keep away from combustible material. Available chlorine approx. 28 – 32 % (calculated from the troclosene sodium content).

9.2.2 Other safety characteristics: no further relevant information.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Reacts with acids with release of chlorine. Reacts with ammonia, ammonium salts, urea and amines with formation of chloramines and explosive nitrogen trichloride. In water it releases hypochlorous acid (active chlorine).

### 10.2 Chemical stability

Stable under recommended storage conditions (dry, closed original packaging).

### 10.3 Possibility of hazardous reactions

Contact with acids liberates toxic gas (chlorine). Mixing with ammonia-containing products can release chloramines. Small amounts of water or moisture on the solid product can cause decomposition with heat and release of chlorine.

### 10.4 Conditions to avoid

Moisture and humidity, small amounts of water on the solid product, heat (> 50 °C), direct sunlight.

### 10.5 Incompatible materials

Acids, ammonia and ammonium salts, urea, amines, reducing agents, oxidisable or combustible organic materials (oils, greases, sawdust), calcium hypochlorite and other chlorine-releasing products, other cleaning products.

### 10.6 Hazardous decomposition products

Chlorine, nitrogen trichloride, cyanogen chloride, hydrogen chloride, nitrogen oxides, carbon oxides.

## SECTION 11: Toxicological information

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

| | |
|---|---|
| Acute toxicity | Harmful if swallowed (Acute Tox. 4; ATE mix (oral) < 2 000 mg/kg, calculated). Dermal and inhalation: not classified. |
| Skin corrosion/irritation | Not classified. |
| Serious eye damage/irritation | Causes serious eye irritation (calculation method). |
| Respiratory or skin sensitisation | Not classified. |
| Germ cell mutagenicity / carcinogenicity / reproductive toxicity | Not classified. |
| STOT – single exposure | May cause respiratory irritation (STOT SE 3, calculation method; dust and released chlorine). |
| STOT – repeated exposure | Not classified. |
| Aspiration hazard | Not applicable (solid). |

### 11.2 Information on other hazards

Endocrine disrupting properties: not applicable — the mixture does not contain substances with endocrine-disrupting properties (human health) at a concentration of 0.1 % or more.

## SECTION 12: Ecological information

### 12.1 Toxicity

Very toxic to aquatic life with long lasting effects (Aquatic Acute 1 / Aquatic Chronic 1, calculation method; caused by troclosene sodium). Active chlorine is highly toxic to aquatic organisms; in sewage it is rapidly consumed by organic matter.

### 12.2 Persistence and degradability

Troclosene sodium hydrolyses in water to hypochlorous acid and cyanuric acid. Active chlorine is rapidly degraded in the presence of organic matter. Cyanuric acid is biodegradable in biological treatment plants. Methods for determining biodegradability are not applicable to the inorganic components.

### 12.3 Bioaccumulative potential

No bioaccumulation expected.

### 12.4 Mobility in soil

Soluble in water; mobile in the aquatic environment.

### 12.5 Results of PBT and vPvB assessment

The mixture does not contain substances meeting the PBT or vPvB criteria at ≥ 0.1 %.

### 12.6 Endocrine disrupting properties

The mixture does not contain substances with endocrine-disrupting properties (environment) at a concentration of 0.1 % or more.

### 12.7 Other adverse effects

Active chlorine may form adsorbable organic halogens (AOX) in waste water.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

| | |
|---|---|
| Product | Dispose of as hazardous waste through a licensed waste collector in accordance with local and national regulations. Do not dispose of larger quantities into drains. Use as directed (dissolved in water) is the intended route to the sewer. |
| European List of Waste (LoW) | 20 01 29* – detergents containing hazardous substances (household); for industrial waste the code depends on the origin. |
| Packaging | Completely emptied packaging can be recycled (15 01 02 – plastic packaging). Do not reuse the container. |

## SECTION 14: Transport information

| | ADR/RID | IMDG | IATA |
|---|---|---|---|
| 14.1 UN number or ID number | UN 3077 | UN 3077 | UN 3077 |
| 14.2 UN proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (troclosene sodium) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (troclosene sodium) | Environmentally hazardous substance, solid, n.o.s. (troclosene sodium) |
| 14.3 Transport hazard class(es) | 9 | 9 | 9 |
| 14.4 Packing group | III | III | III |
| 14.5 Environmental hazards | Yes | Yes — marine pollutant | Yes |

### 14.6 Special precautions for user

| | |
|---|---|
| ADR/RID | Classification code M7; hazard identification no. 90; transport category 3; tunnel restriction code (-); limited quantity 5 kg; excepted quantity E1. Special provision 375: single or inner packagings of ≤ 5 kg net (the 160 g retail tub) are not subject to ADR/RID, provided the packagings meet 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8. |
| IMDG | EmS F-A, S-F; marine pollutant. IMDG Code 2.10.2.7: marine pollutants in single or inner packagings of ≤ 5 kg net are not subject to the other provisions of the Code (same packaging conditions). |
| IATA | Special provision A197: not subject to the DGR in single or inner packagings of ≤ 5 kg net. |
| General | Keep dry; keep away from acids and ammonium compounds during transport. |

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

Not applicable — the product is not transported in bulk according to IMO instruments.

## SECTION 15: Regulatory information

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

**EU legislation**

- Regulation (EC) No 1907/2006 (REACH), as amended — including Annex II as amended by Regulation (EU) 2020/878.
- Regulation (EC) No 1272/2008 (CLP), as amended — including Regulation (EU) 2023/707 (new hazard classes) and Regulation (EU) 2024/2865 (CLP revision; label-format provisions apply from 1 January 2028 as amended by Regulation (EU) 2025/2439).
- Regulation (EC) No 648/2004 on detergents (labelling of contents, biodegradability of surfactants). Regulation (EU) 2026/405 on detergents and surfactants entered into force on 22 March 2026 and applies from 23 September 2029.
- Directive 2012/18/EU (Seveso III): listed in Annex I, Part 1, category E1 (hazardous to the aquatic environment, acute 1 or chronic 1); qualifying quantities 100 t (lower tier) / 200 t (upper tier).
- REACH Annex XVII (restrictions): no restricted substance identified. REACH Annex XIV (authorisation) and Candidate List (SVHC): no listed substance at ≥ 0.1 %.
- Directive 2004/42/EC (VOC in paints/varnishes): not applicable.

**Labelling of contents according to Regulation (EC) No 648/2004, Annex VII**

30 % or more: chlorine-based bleaching agents.

Regulation (EU) No 528/2012 (BPR): troclosene sodium is a biocidal active substance. This product is supplied as a laundry bleaching and household cleaning product without biocidal (disinfection, germ or hygiene) claims and is not placed on the market as a biocidal product.

**National regulations**

Observe national legislation of the country of use (e.g. occupational safety, water hazard classification, waste legislation).

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

## SECTION 16: Other information

**Indication of changes**

Version 1.0 (04.11.2026): first edition of this safety data sheet issued by HomeXCare Kozmetik Sanayi ve Ticaret Ltd. Şti. for the HIGHJEN range; structure and content aligned with REACH Annex II as amended by Regulation (EU) 2020/878.

**Abbreviations and acronyms**

| Abbreviation | Meaning |
|---|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |

| Abbreviation | Meaning |
|---|---|
| CAS | Chemical Abstracts Service |
| CLP | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures |
| DNEL | Derived No-Effect Level |
| EC | European Community number (EINECS/ELINCS/NLP/List number) |
| EC50 | Median effective concentration |
| ED | Endocrine disruptor |
| EWC/LoW | European List of Waste (Decision 2000/532/EC) |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods Code |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| NOEC | No Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| PBT | Persistent, Bioaccumulative and Toxic |
| PMT | Persistent, Mobile and Toxic |
| PNEC | Predicted No-Effect Concentration |
| REACH | Regulation (EC) No 1907/2006 |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| STOT | Specific Target Organ Toxicity |
| SVHC | Substance of Very High Concern |
| UFI | Unique Formula Identifier |
| vPvB | very Persistent and very Bioaccumulative |
| vPvM | very Persistent and very Mobile |

### Full text of H-statements referred to in Sections 2 and 3

**H031**

**H302** Harmful if swallowed.

**H319** Causes serious eye irritation.

**H335** May cause respiratory irritation.

**H400** Very toxic to aquatic life.

**H410** Very toxic to aquatic life with long lasting effects.

### Full text of EUH-statements

**EUH031** Contact with acids liberates toxic gas.

**EUH206** Warning! Do not use together with other products. May release dangerous gases (chlorine).

### Hazard classes and categories (abbreviations used in Sections 2 and 3)

| Abbreviation | Hazard class and category |
|---|---|
| Acute Tox. 4 | Acute toxicity, Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment — acute hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment — chronic hazard, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| STOT SE 3 | Specific target organ toxicity — single exposure, Category 3 |

### Classification and procedure used to derive the classification for mixtures

| Classification | Procedure |
|---|---|
| Acute Tox. 4, H302 | Calculation method |
| Eye Irrit. 2, H319 | Calculation method |

| Classification | Procedure |
|---|---|
| STOT SE 3, H335 | Calculation method |
| Aquatic Acute 1, H400 | Calculation method |
| Aquatic Chronic 1, H410 | Calculation method |

**Key literature references and sources of data**

Supplier/manufacturer data for the mixture and its raw materials; Regulation (EC) No 1272/2008 Annex VI; ECHA registration dossiers and C&L Inventory.

**Training advice**

Persons handling the product in professional or industrial settings should be informed of its hazards and of the measures described in this safety data sheet. Consumers: follow the instructions on the label.

**Further information**

The information in this safety data sheet is based on the present state of our knowledge and on the applicable EU legislation. It describes the product with regard to health, safety and environmental requirements only and does not constitute a guarantee of specific product properties or a legally binding contract. The user is responsible for observing applicable laws and regulations.

| | |
|---|---|
| SDS number | HXC-SDS-HJ-BT |
| Version | 1.0 |
| Revision date | 04.11.2026 |
| Supersedes | – |
| Language | English (EN) |