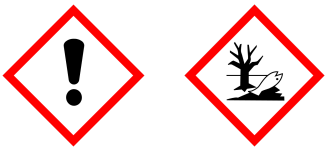
HIGHJEN Bleach Tablets

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. Tahtakale Mah. Fırat 1 Cad. Bahçe City B Blok No: 4/1 İç Kapı No: 50 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 EC: 220-767-7 Index: 613-030-00-X	–	≥ 45 – < 50	Acute Tox. 4, H302 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 EUH031
Sodium hydrogen carbonate	CAS: 144-55-8 EC: 205-633-8	–	≥ 25 – < 35	Not classified
Adipic acid	CAS: 124-04-9 EC: 204-673-3 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.

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