HIGHJEN Drain Opener

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-DO	1.0	14.10.2026	–	EN

PRODUCT SAFETY SUMMARY

Product name	**HIGHJEN Drain Opener**
Product type	**Drain opener — sodium hydroxide granules**
UFI	**Not required (substance; CLP Annex VIII applies to mixtures)**
Use	**Drain opener (consumer use)**
Signal word	**Danger**

GHS05

Danger

H314 Causes severe skin burns and eye damage.

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

1.1 Product identifier

Product form	Substance
Trade name	HIGHJEN Drain Opener
Variant(s)	Extra strong formula (sodium hydroxide granules)
Pack sizes	350 g bottle with child-resistant closure
Product code	HJ-DO
UFI	Not required (substance; CLP Annex VIII applies to mixtures)
Product type	Drain opener — sodium hydroxide granules

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

Identified use	Drain opener: the granules are poured into the blocked drain, followed by 1 – 2 L of hot water; after a few minutes the drain is flushed with plenty of water.
Use category	Consumer use (general public); professional use.
Uses advised against	Do not use in aluminium, galvanised or painted pipes; do not mix with acids or other drain products. 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
Skin Corr. 1A	H314 – Causes severe skin burns and eye damage.

Adverse physicochemical, human health and environmental effects	Causes severe skin burns and eye damage.

2.2 Label elements

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

GHS05

Hazard pictograms	GHS05 – Corrosion
Signal word	Danger
Hazardous components which must be listed on the label	Sodium hydroxide

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P102 Keep out of reach of children.

P280 Wear protective gloves/eye protection/face protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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.

Supplemental label information

Child-resistant fastening	Required — packaging supplied to the general public must be fitted with child-resistant fastenings (CLP Annex II, 3.1).
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).

2.3 Other hazards

Based on the available information, the substance does not meet the criteria for PBT or vPvB (REACH Annex XIII) or for PMT or vPvM (CLP, as amended by Regulation (EU) 2023/707).

The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine-disrupting properties and is not 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.

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name	Identifiers	REACH registration no.	% (w/w)	Classification (EC) No 1272/2008 [CLP]
Sodium hydroxide; caustic soda	CAS: 1310-73-2 EC: 215-185-5 Index: 011-002-00-6	–	100	Skin Corr. 1A, H314

Specific concentration limits, M-factors and ATE

Substance	Specific concentration limits / M-factors / ATE
Sodium hydroxide (CAS 1310-73-2)	Skin Corr. 1A; H314: C ≥ 5 % Skin Corr. 1B; H314: 2 % ≤ C < 5 % Skin Irrit. 2; H315: 0.5 % ≤ C < 2 % Eye Irrit. 2; H319: 0.5 % ≤ C < 2 %

3.2 Mixtures

Not applicable (the product is a substance).

Full text of the hazard statements: see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General	Call a physician immediately. Never give anything by mouth to an unconscious person. In all cases of doubt, or when symptoms persist, seek medical attention.
Inhalation	Remove person to fresh air and keep comfortable for breathing.
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician immediately.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
Ingestion	Rinse mouth. Do not induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact	Burns.
Eye contact	Serious damage to eyes.
Ingestion	Burns of the mouth, throat, oesophagus and stomach.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	Water spray (for cooling only), dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).
Unsuitable extinguishing media	Strong water jet. Do not allow water to enter containers — a violent reaction may occur.

5.2 Special hazards arising from the substance or mixture

Reactivity in case of fire	At high temperature may liberate dangerous gases. Reacts with amphoteric metals (aluminium, zinc, tin) with formation of flammable hydrogen gas.
Hazardous decomposition products in case of fire	Toxic fumes may be released.

5.3 Advice for firefighters

Precautionary measures	Approach from upwind. Use water spray or fog for cooling exposed containers. Keep away from combustible materials.
Firefighting instructions	Do not enter the fire area without proper protective equipment, including respiratory protection. Evacuate area. Keep upwind.
Protection during firefighting	Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures	Access forbidden to unauthorised personnel. Use protective clothing. Prevent the product from entering sewers, basements and workpits. Notify authorities if the product enters sewers or public waters. Do not breathe dust.
Non-emergency personnel	Wear recommended personal protective equipment: dust mask, suitable protective clothing, gloves and eye/face protection. Ventilate spillage area. Avoid contact with skin and eyes. Evacuate unnecessary personnel.
Emergency responders	Only qualified personnel equipped with suitable protective equipment may intervene (see Section 8). Keep public away from the danger area.

6.2 Environmental precautions

Avoid release to the environment. Do not allow to enter drains or watercourses in larger quantities; do not discharge into drains or waterways without neutralising.

6.3 Methods and material for containment and cleaning up

For containment	Contain any spills to prevent migration and entry into sewers or streams.
Methods for cleaning up	Sweep or shovel spilt granules into an appropriate dry, closable container for disposal. Minimise generation of dust. Rinse residues with plenty of water.
Other information	Dispose of materials or solid residues at an authorised site in accordance with current regulations.

6.4 Reference to other sections

For personal protective equipment see Section 8. For disposal see Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling	Read and follow the instructions on the label. Avoid breathing dust and contact with skin and eyes. Do not eat, drink or smoke during use. Keep the container tightly closed. Protect from moisture and direct sunlight. Avoid contact with acids. Manufacturing site: eye-wash facilities and safety showers should be available.
Hygiene measures	Wash contaminated clothing before reuse. Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures	Containers which are opened must be properly resealed and kept upright to prevent leakage. Ensure adequate ventilation.
Storage conditions	Store locked up. Store in a dry, well-ventilated place. Keep cool. Keep only in the original, tightly closed container (hygroscopic).
Incompatible products	Strong acids, ammonium salts, amphoteric metals (aluminium, zinc, tin), strong oxidising agents, peroxides.
Information on mixed storage	Keep away from food, drink and animal feeding stuffs.

7.3 Specific end use(s)

Drain opener (cleaning product).

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Observe the national occupational exposure limit values for sodium hydroxide of the country of use (several EU Member States set a limit of 1 – 2 mg/m³ for sodium hydroxide aerosol/dust).

8.2 Exposure controls

Appropriate engineering controls	Ensure good ventilation of the workplace. Emergency eye-wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
Hand protection	Protective gloves (EN ISO 374) of neoprene, nitrile, polyethylene or PVC.
Eye protection	Tightly fitting safety goggles (EN 166); face shield if splashing is possible.
Skin and body protection	Suitable protective clothing; in case of dust formation: dust-proof clothing.
Respiratory protection	In case of insufficient ventilation or dust formation: particle filter respirator (EN 143, P2/P3).
Environmental exposure controls	Avoid release to the environment.
Consumer exposure controls	Follow the label instructions. Avoid contact with skin and eyes. Always wash hands after use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Property	Value / remarks
Physical state	Solid — granules
Colour	White
Odour	Odourless

Property	Value / remarks
Odour threshold	No data available.
Melting point/freezing point	No data available
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
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
pH	13.5 – 14.5 (solution); 1 % solution: 13
Kinematic viscosity	Not applicable (solid)
Solubility	Soluble in water (strongly exothermic)
Partition coefficient n-octanol/water (log value)	No data available.
Vapour pressure	No data available.
Density and/or relative density	2.02 – 2.13 g/cm³
Relative vapour density	Not applicable
Particle characteristics	No data available.

9.2 Other information

Explosive properties: not explosive. Oxidising properties: not oxidising.

SECTION 10: Stability and reactivity

10.1 Reactivity

Aqueous solutions of the product are strongly alkaline (pH of a 1 % solution: 13). Reacts violently with acids. Reacts with aluminium, zinc and tin with release of flammable hydrogen.

10.2 Chemical stability

Stable at normal room temperature and pressure. Hygroscopic.

10.3 Possibility of hazardous reactions

Violent exothermic reaction with acids and with water in large quantities. Hydrogen formation with amphoteric metals.

10.4 Conditions to avoid

Moisture, high heat, direct sunlight.

10.5 Incompatible materials

Strong acids, alcohols, strong oxidising agents, peroxides, amphoteric metals (aluminium, zinc, tin) and their alloys.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

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

Acute toxicity	Not classified.
Skin corrosion/irritation	Causes severe skin burns (pH of 1 % solution: 13 at 20 °C).

Serious eye damage/irritation	Causes serious eye damage (pH of 1 % solution: 13 at 20 °C).
Respiratory or skin sensitisation	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
STOT – single exposure	No data available.
STOT – repeated exposure	No data available.
Aspiration hazard	No data available.
Inhalation	Dust is harmful if inhaled; may damage the nose, throat, lungs and bronchial system.
Ingestion	Causes burns of the mucous membranes, throat, oesophagus and stomach.
Skin contact	Causes burns.
Eye contact	Causes burns.

11.2 Information on other hazards

Endocrine disrupting properties: not applicable — the substance is not identified as having endocrine-disrupting properties (human health).

SECTION 12: Ecological information

12.1 Toxicity

The product may affect the pH of the aquatic environment and may be harmful to aquatic organisms in high concentrations; it is not classified as hazardous to the aquatic environment. The effect is reduced by neutralisation and dilution.

12.2 Persistence and degradability

Not applicable — inorganic substance; dissociates in water.

12.3 Bioaccumulative potential

No bioaccumulation expected.

12.4 Mobility in soil

The product is water soluble; information on mobility in soil is not available.

12.5 Results of PBT and vPvB assessment

Not applicable (inorganic substance); does not meet the PBT/vPvB criteria.

12.6 Endocrine disrupting properties

The substance is not identified as having endocrine-disrupting properties (environment).

12.7 Other adverse effects

No additional information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste treatment methods	Dispose of contents/container in accordance with the licensed collector's sorting instructions. Do not dispose of with household garbage.
Regional legislation	Disposal must be done according to official regulations (EU: Directive 2008/98/EC; Türkiye: Waste Management Regulation, Official Gazette No. 29314 of 2 April 2015).
Additional information	Empty containers should be taken for recycling, recovery or waste in accordance with local regulations.

SECTION 14: Transport information

	ADR/RID	IMDG	IATA
14.1 UN number or ID number	UN 1823	UN 1823	UN 1823
14.2 UN proper shipping name	SODIUM HYDROXIDE, SOLID	SODIUM HYDROXIDE, SOLID	Sodium hydroxide, solid
14.3 Transport hazard class(es)	8	8	8
14.4 Packing group	II	II	II
14.5 Environmental hazards	No	No (not a marine pollutant)	No

14.6 Special precautions for user

ADR/RID	Classification code C6; transport category 2; tunnel restriction code E; hazard identification no. 80; limited quantity 1 kg; excepted quantity E2; packing instruction P002, IBC08; special packing provision B4; mixed packing MP10. Transport document: UN 1823 SODIUM HYDROXIDE, SOLID, 8, II, (E).
IMDG	EmS F-A, S-B; stowage category A; segregation group SG35 (alkalis); limited quantity 1 kg; excepted quantity E2.
IATA	Passenger and cargo aircraft: limited quantity Y844 (max. 5 kg); packing instruction 859 (max. 15 kg). Cargo aircraft only: packing instruction 863 (max. 50 kg). ERG code 8L.
ADN	Classification code C6; limited quantity 1 kg; excepted quantity E2; equipment required PP, EP.

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).
- Directive 2012/18/EU (Seveso III): not listed in Annex I.
- 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.

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 substance by the supplier of this safety data sheet.

SECTION 16: Other information

Indication of changes

Version 1.0 (14.10.2026): 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
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

H314 Causes severe skin burns and eye damage.

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

Abbreviation	Hazard class and category
Skin Corr. 1A	Skin corrosion/irritation, Category 1A

Classification and procedure used to derive the classification

Classification	Procedure
Skin Corr. 1A, H314	Classification of the substance (sodium hydroxide, CLP Annex VI)

Key literature references and sources of data

Supplier/manufacturer data for the substance; Regulation (EC) No 1272/2008 Annex VI (harmonised classification); 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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