HIGHJEN Windshield Cleaner Tablet

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-WCT	1.2	05.11.2026	Version 1.1 (03.11.2026)	EN

PRODUCT SAFETY SUMMARY

Product name	**HIGHJEN Windshield Cleaner Tablet**
Product type	**Effervescent screenwash tablet (concentrate for windscreen washer fluid)**
UFI	**89S2-G069-Y00C-M59V**
Use	**Screenwash tablet (consumer use)**
Signal word	**Warning**

GHS07

Warning

H319 Causes serious eye irritation.

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

1.1 Product identifier

Product form	Mixture
Trade name	HIGHJEN Windshield Cleaner Tablet
Variant(s)	1 tablet = 4 L of washer fluid (summer screenwash)
Pack sizes	Jar of 16 tablets (5 g each, 80 g net); tablets may also be individually sachet-packed
Product code	HJ-WCT
UFI	89S2-G069-Y00C-M59V
Product type	Effervescent screenwash tablet (concentrate for windscreen washer fluid)

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

Identified use	Windscreen washer fluid concentrate: dissolve 1 tablet in 4 L of water in the washer reservoir. Removes insects, road film, dust and dirt; low-foaming. Not frost-protective (for use above 0 °C).
Use category	Consumer use (general public); professional use.
Uses advised against	Not to be used as antifreeze. Do not swallow. 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
Eye Irrit. 2	H319 – Causes serious eye irritation.

2.2 Label elements

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

GHS07

Hazard pictograms	GHS07 – Exclamation mark
Signal word	Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P102	Keep out of reach of children.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P501	Dispose of contents/container in accordance with local/national regulations.

Supplemental label information

UFI	89S2-G069-Y00C-M59V
Detergent labelling (Regulation (EC) No 648/2004, Annex VII)	Less than 5 %: anionic surfactants.

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.

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]
Sodium carbonate	CAS: 497-19-8 EC: 207-838-8 Index: 011-005-00-2	01-2119485498-19-xxxx	≥ 30 – < 40	Eye Irrit. 2, H319
Citric acid	CAS: 77-92-9 EC: 201-069-1	–	≥ 25 – < 30	Eye Irrit. 2, H319
Sodium sulphate	CAS: 7757-82-6 EC: 231-820-9	–	≥ 20 – < 25	Not classified
D-Glucitol (sorbitol)	CAS: 50-70-4 EC: 200-061-5	–	≥ 5 – < 10	Not classified
Sodium dodecyl sulphate	CAS: 151-21-3 EC: 205-788-1	–	≥ 1 – < 3	Flam. Sol. 2, H228 Acute Tox. 4, H302 Acute Tox. 4, H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Chronic 3, H412
Tricalcium bis(orthophosphate) (TCP)	CAS: 7758-87-4 EC: 231-840-8	–	≥ 1 – < 3	Not classified
Dimethicone (silicone)	CAS: 63148-62-9 EC: – (polymer)	Exempt (polymer)	≥ 1 – < 3	Not classified

Also contains colorant (< 0.1 %). The product does not contain perfume.

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.
Inhalation	Remove to fresh air.
Skin contact	Rinse skin with water.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention.
Ingestion	Rinse mouth. Drink water. Do not induce vomiting. Get medical advice if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Eyes	Irritation, redness, tearing.
Ingestion	Gastro-intestinal irritation; release of carbon dioxide.

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	Use extinguishing media appropriate to the surrounding fire.
Unsuitable extinguishing media	None known.

5.2 Special hazards arising from the substance or mixture

Not flammable. In case of fire, carbon oxides, sulphur oxides and phosphorus oxides may be released.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective clothing in case of a surrounding fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes. Avoid dust formation from broken tablets.

6.2 Environmental precautions

Do not allow large quantities to enter surface water or soil.

6.3 Methods and material for containment and cleaning up

Collect tablets and fragments mechanically in a dry container. Rinse residues with water.

6.4 Reference to other sections

See Sections 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep the jar/sachet closed. Handle tablets with dry hands. 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 a dry place in the original, tightly closed packaging, protected from moisture (tablets react with water). Store at 5 – 35 °C. Keep out of reach of children.

7.3 Specific end use(s)

Windscreen washer fluid concentrate.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No specific occupational exposure limits for the mixture.

8.2 Exposure controls

Eye protection	Safety glasses (EN 166) for industrial handling.
Hand protection	Not required for consumer use.
Respiratory protection	Not required under normal use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Property	Value / remarks
Physical state	Solid — tablet (5 g)
Colour	Blue
Odour	Odourless to faint characteristic (unperfumed)
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 determined
Decomposition temperature	> 50 °C (release of CO2)
pH	approx. 8 – 9.5 (1 tablet in 4 L water)
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 – 1.8 g/cm³ (tablet)
Relative vapour density	Not applicable
Particle characteristics	Not applicable (tablet)

9.2 Other information

Freezing point of the ready-to-use solution: approx. 0 °C (no frost protection).

SECTION 10: Stability and reactivity

10.1 Reactivity

Reacts with water with effervescence (release of carbon dioxide) — intended use.

10.2 Chemical stability

Stable under recommended storage conditions (dry).

10.3 Possibility of hazardous reactions

No hazardous reactions known under normal conditions of use.

10.4 Conditions to avoid

Moisture, humidity, temperatures above 50 °C.

10.5 Incompatible materials

Strong acids, strong oxidising agents.

10.6 Hazardous decomposition products

Carbon dioxide (on contact with water or on heating).

SECTION 11: Toxicological information

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

Acute toxicity	Not classified (ATE mix > 2 000 mg/kg, calculated).
Skin corrosion/irritation	Not classified.
Serious eye damage/irritation	Causes serious eye irritation (calculation method).
Sensitisation	Not classified.
CMR effects	Not classified.
STOT – single / 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

Not classified as hazardous to the aquatic environment. The ready-to-use washer fluid (1 tablet in 4 L water) is highly diluted.

12.2 Persistence and degradability

The surfactant contained in this mixture is readily biodegradable and complies with the biodegradability criteria laid down in Regulation (EC) No 648/2004. Citric acid is readily biodegradable.

12.3 Bioaccumulative potential

No bioaccumulation expected.

12.4 Mobility in soil

Soluble in water.

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

No other adverse effects known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	Dispose of in accordance with local and national regulations.
European List of Waste (LoW)	20 01 30 – detergents other than those mentioned in 20 01 29.
Packaging	Completely emptied packaging can be recycled.

SECTION 14: Transport information

The product is not classified as dangerous goods for transport (ADR/RID, ADN, IMDG, IATA).

	ADR/RID	IMDG	IATA
14.1 UN number or ID number	Not regulated	Not regulated	Not regulated
14.2 UN proper shipping name	Not regulated	Not regulated	Not regulated
14.3 Transport hazard class(es)	Not regulated	Not regulated	Not regulated
14.4 Packing group	Not regulated	Not regulated	Not regulated
14.5 Environmental hazards	No	No (not a marine pollutant)	No

14.6 Special precautions for user

Not applicable.

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): 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.

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

Less than 5 %: anionic surfactants.

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 1.2 (05.11.2026): Sections 1.1 and 9.1 — pack and tablet mass updated to the approved pack: jar of 16 tablets of 5 g (80 g). Composition, classification and labelling unchanged. Version 1.1 (03.11.2026): Section 3 composition updated to the manufacturer's ingredient list (sodium carbonate, citric acid, sodium sulphate, sorbitol, anionic surfactant, tricalcium phosphate, silicone, colorant; no perfume). Sections 2.2 (detergent labelling), 5.2 and 9.1 updated accordingly. Classification and label elements unchanged. Version 1.0 (14.10.2026): first edition.

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

H228 Flammable solid.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.

H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

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

Abbreviation	Hazard class and category
Acute Tox. 4	Acute toxicity, Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment — chronic hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Sol. 2	Flammable solids, Category 2
STOT SE 3	Specific target organ toxicity — single exposure, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2

Classification and procedure used to derive the classification for mixtures

Classification	Procedure
Eye Irrit. 2, H319	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-WCT
Version	1.2
Revision date	05.11.2026
Supersedes	Version 1.1 (03.11.2026)
Language	English (EN)