



HEPI Window Cleaner, 750 ml

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 01.01.2015

Version: 01

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

1.1. Product identifier

Chemical type : Mixture
Trade name : HEPI Window Cleaner, 750 ml

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

1.2.1. Relevant identified uses

Intended for general public

Function or use category : Cleaning/washing agents and additives

1.2.2. Uses advised against

Uses other than those identified are not recommended.

1.3. Details of the supplier of the safety data sheet

APS Packaging & Wrapping Industry, Foreign Trading Inc.
Kimya Organize Sanayi Bölgesi Tepeören Mevki, Tuzla Istanbul/Turkey

Telephone# : +90 216 5930575 Fax: +90 216 593 0585
E-mail: a.uzuner@apsambalaj.com

1.4. Emergency telephone number

Emergency number : +90 216 593 0575

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 1999/45/EC

Not classified.

Classification according to Directive 1272/2008

Not classified

2.2. Label elements

Labeling according to Directive 1999/45/EC

Not classified as dangerous according to the criteria of the directive 1999/45/EC

S phrases
S2 - Keep out of the reach of children.
S25- Avoid contact with eyes.
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28- After contact with skin, wash immediately with plenty of water.
S46- If swallowed, seek medical advice immediately and show this container or label

Labeling according to Directive 1272/2008

P-Statements
P262- Do not get in eyes, on skin, or on clothing
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several



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minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical advice/attention.
P102-Keep out of reach of children.

2.3. Other hazards

No other hazards known. The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Ingredients	EC number	CAS number	REACH number	Classification 67/548/EEC	Classification 1272/2008	Weight percent
Ethyl alcohol	200-578-6	64-17-5	No data available	F;R11-R36	Flam.Liq.2(H225) Eye Irr.2 (H319)	1-3
Isopropylalcohol	200-661-7	67-63-0	01-21194575-58-25	F; Xi;R11-R36-R67	Flam.Liq.2(H225) Eye Irr.2 (H319) STOT 3 (H336)	1-3
C9-11 Pareth-8	Polymer	68439-46-3	No data available	Xn: R22-41	Acute tox.4 (H302) Eye Dam.1 (H318)	<1

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation : Remove from source of exposure. Get medical attention immediately.
Skin contact : Protection not required under normal use. Rinse with plenty of water. If irritation develops get medical attention.
Eye contact : Wash off immediately with plenty of water. Get medical attention.
Ingestion : Remove material from mouth. Immediately drink 1-2 glasses of water or milk. Get medical attention.

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

Inhalation : May cause irritation or asthma-like symptoms.
Skin contact : Contact during a long period may cause light irritation..
Eye contact : May cause slight irritation.
Ingestion : Gastrointestinal complaints.

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

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or Alcohol-resistant foam.



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5.2. Special hazards arising from the substance or mixture

Fire hazard : No fire hazard. Non combustible.
Explosion hazard : Product is not explosive.
Reactivity : No dangerous reactions known.

5.3. Advice for firefighters

Firefighting instructions : No specific firefighting instructions required.
Protective equipment for firefighters : In case of inadequate ventilation wear respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

In case of an incident in a confined area, wear suitable respiratory protection. Wear suitable gloves.

6.2. Environmental precautions

Consumer products ending up down the drain after use. Prevent soil and water pollution. Prevent spreading in sewers.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

6.4. Reference to other sections

Refer to Sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing. Wear suitable gloves and eye/face protection. Rinse and dry hands after use. Do not mix with any other chemicals.. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store upright in original closed containers in a cool place out of direct sunlight, ensuring that the vents remain effective. Keep away from acids: Refer to section 10.
Incompatible products : Refer section 10
Incompatible materials : Not applicable
Prohibitions on mixed storage : Not applicable.
Storage area : Store in a cool and dry area.

7.3. Specific end use(s)



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Cleaning/washing agents and additives.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional data is available

SUBSTANCE	EH40-UK		ED984-FR		DNEL mg/Kg(long term systemic effect)		
	TWA mg/M3	STEL mg/m3	WME mg/M3	VLCT mg/M^3	ORAL	DERMAL	INHALATION
Ethyl alcohol	1920	-	1900	9500	-	343	950
Isopropyl alcohol	999	1250	-	980	26(consumer)	888(worker)	500(worker)

8.2. Exposure controls

General health and safety measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Take off immediately all contaminated clothing. Wash hands before breaks and at the end of workday. Avoid contact with skin and eyes.

Not a hazard in normal use. No personal protective equipment is necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	: Clear, blue liquid
Odor	: perfumed
pH (neat)	: 5±1
Water Solubility	: very high
Boiling point/range (°C)	: Not determined
Flash point (°C)	: Not applicable.
Flammability	: Not flammable.
Density	: 1.00±0.05 g/cm³ (20°C)
Viscosity cP at 20 °C	: < 50
Solubility in / Miscibility with Water	: Fully miscible
Explosive properties	: Not explosive.
Oxidizing properties	: Not oxidizing.

9.2 Other information

No other relevant information is available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

10.4. Conditions to avoid

None known under normal storage and use conditions.



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10.5. Incompatible materials

Not known

10.6. Hazardous decomposition products

None

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Mixtures

No test data is available on the mixture

Substance data, where relevant and available, are listed below.

CMR

Effect	Unit/value	Ethyl Alcohol	Isopropylalcohol	C9-11 Pareth-8
Acute oral toxicity	LD 50 mg/KG (rat)	1470	5000	300<LD50<2000
Acute dermal toxicity	LD 50 mg/KG(rat)	No data available	5000	1350
Acute inhalative toxicity	LC 50 mg/L(rat)	124.7 (4H)	No data available	No data available
Skin irritation & corrosivity		Not irritating	Not irritating	Not irritating
Eye irritation & corrosivity		irritating	irritating	Severe irritation
Respiratory track irritation & corrosivity		No data available	No data available	No data available
Sensitization		Not sensitizing	Not sensitizing	Not sensitizing
Sub chronic oral toxicity	NOAEL mg/kg bw/d (rat)	4	No data available	No data available
Sub chronic dermal toxicity		No data available	No data available	No data available
Sub chronic inhalation toxicity		20	No data available	No data available
chronic toxicity		No data available	No data available	No data available

effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Mixture data:

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

Substance data:

No evidence for carcinogenicity, mutagenicity and toxicity for reproduction.

Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

SECTION 12: Ecological information

12.1. Toxicity



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Mixtures

No test data is available on the mixture

Substance data, where relevant and available, are listed below.

Effect	Unit/value	Ethyl Alcohol	Isopropyl alcohol	C9-11 Pareth-8
Aquatic short term toxicity-fish	LC 50 mg/L	15300	>100	1<LC50<10
Aquatic short term toxicity-crustacea	LC 50 mg/L	5012	>100	>100
Aquatic short term toxicity-daphnia	LC 50 mg/L	No data available	>100	No data available
Impact on sewage plants - toxicity to bacteria	Mg/L	5800	100	No data available
Aquatic long term toxicity-fish	NOEC	245	No data available	No data available
Aquatic long-term toxicity-crustacea		79	No data available	No data available

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

12.6. Other adverse effects

No other adverse effects known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products : Dispose of in compliance with all Federal, state, provincial and local laws and regulations.

European Waste Catalogue : 20 01 29* - detergents containing dangerous substances.

Empty packaging

Recommendation : Dispose of observing national or local regulations.

Suitable cleaning agents : Water, if necessary with cleaning agent.

SECTION 14: Transport information

ADR, RID, ADN, IMO/IMDG, ICAO/IATA

14.1 UN number: Non-dangerous goods

14.2 UN proper shipping name: Non-dangerous goods

14.3 Transport hazard class(es): Non-dangerous goods



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14.4 Packing group: Non-dangerous goods

14.5 Environmental hazards: Non-dangerous goods

14.6 Special precautions for user: Non-dangerous goods

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: The product is not transported in bulk tankers

SECTION 15: Regulatory information

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

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture

SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

Reason for revision:

Overall design adjusted in accordance with Regulation (EC) No 453/2010, Annex I.

Full text of the R and H phrases mentioned in section 3

- R11 - Highly flammable
- R22 - Harmful if swallowed
- R36 - Irritating to eyes
- R41 - Risk of serious damage to eyes
- R67 - Vapours may cause drowsiness and dizziness
- H225- Highly flammable liquid and vapour
- H302- Harmful if swallowed
- H312- Harmful in contact with skin
- H318- Causes serious eye damage.
- H319 - Causes serious eye irritation
- H336 - May cause drowsiness or dizziness

Abbreviations and acronyms:

- LD-lethal Dose
- LC-Lethal Concentration
- TWA-Total Weighed Average
- VME- TWA in French
- STEL-Short Term Exposure Level
- VLCT-STEL in French
- PBT - Persistent, Bioaccumulative and Toxic
- NOEC-No Observed Effect Concentration
- NOAEL-No Observed Adverse Effect Level
- DNEL-Derived No Effect Level
- vPvB - very Persistent and very Bioaccumulative

End of Safety Data Sheet