



# Safety Data Sheet

according to 1907/2006/EC, Article 31

Page 1/6

Printing date 01.09.2018

Version number 5

Revision: 01.09.2018

## SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

### 1.1 Product Identifier:

**Trade name: 2-in-1 Screen Cleaner**

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

**Product category:** PC35 Washing and cleaning products (including solvent based products)

**Application of the substance / the mixture:** Surface cleaning

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

#### Manufacturer / Importer / Supplier:

Hygeniq  
Postbus 618  
7500 AP Enschede  
The Netherlands  
Tel.: +31 53 4282860  
Fax: +31 53 5393865  
Email: info@hygeniq.com  
www.hygeniq.com

**Further information obtainable from:** Product safety department.

### 1.4 Emergency telephone number:

Only for DOCTORS / FIRE BRIGADE / POLICE:

NL-Phone: +31 53 4282860 (During office hours)

## SECTION 2: Hazards Identification

### 2.1 Classification of the substance or mixture:

**Classification according to Regulation (EC) No 1272/2008:** The substance is not classified, according to the CLP regulation.

### 2.2 Label elements:

**Labelling according to Regulation (EC) No 1272/2008:** Void

**Hazard pictograms:** Void

**Signal word:** Void

**Hazard statements:** Void

#### Additional information:

EUH210 Safety data sheet available on request.

### 2.3 Other hazards:

#### Results of PBT and vPvB assessment:

**PBT:** Not applicable.

**vPvB:** Not applicable.

## SECTION 3: Composition/Information on Ingredients

### 3.2 Chemical characterisation: Mixtures:

**Description:** Mixture of substances listed below, possibly with non-hazardous additions.

#### Components:

CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25	propan-2-ol	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	2.5-10%
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#### Ingredients according to detergents regulation (EC nr. 648/2004):

anionic surfactants	<5%
LAURYLAMINE DIPROPYLENEDIAMINE, METHYLISOTHIAZOLINONE, BENZISOTHIAZOLINONE	

**Additional information:** For the wording of the listed hazard phrases See section 16.

## SECTION 4: First Aid Measures

### 4.1 Description of first aid measures:

#### General information:

No special measures required.

Take affected persons out of danger area and lay down.

(Contd. on page 2)

GB



# Safety Data Sheet

according to 1907/2006/EC, Article 31

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Version number 5

Page 2/6

Revision: 01.09.2018

**Trade name: 2-in-1 Screen Cleaner**

(Contd. of page 1)

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Generally the product does not irritate the skin.

**After eye contact:**

If possible, remove contact lenses.

Rinse opened eye for several minutes (at least 15 minutes) under running water. If symptoms persist, consult a doctor.

**After ingestion:** Rinse out mouth and then drink plenty of water.

**4.2 Most important symptoms and effects, both acute and delayed:** No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

## SECTION 5: Firefighting Measures

**5.1 Extinguishing media:**

**Suitable extinguishing agents:**

All extinguishing media are possible.

Use fire extinguishing methods suitable to surrounding conditions.

**5.2 Special hazards arising from the substance or mixture:** No further relevant information available.

**5.3 Advice for firefighters:**

**Protective equipment:** Wear self-contained respiratory protective device.

**Additional information:** Cool endangered tanks with water spray.

## SECTION 6: Accidental Release Measures

**6.1 Personal precautions, protective equipment and emergency procedures:** Not required.

**6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and material for containment and cleaning up:**

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

**6.4 Reference to other sections:**

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## SECTION 7: Handling and Storage

**7.1 Precautions for safe handling:**

Do not eat, drink or smoke while working.

No special measures required.

**Information about fire and explosion protection:** No special measures required.

**7.2 Conditions for safe storage, including any incompatibilities:** Storage must comply with the local regulations.

**Storage:**

**Requirements to be met by storerooms and tanks:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** None.

**7.3 Specific end use(s):** No further relevant information available.

## SECTION 8: Exposure Controls/Personal Protection

**Additional information about design of technical facilities:** No further data; see section 7.

**8.1 Control parameters:**

**Ingredients with limit values that require monitoring at the workplace:**

**67-63-0 propan-2-ol**

WEL (Great Britain)	Short-term value: 1250 mg/m <sup>3</sup> , 500 ppm Long-term value: 999 mg/m <sup>3</sup> , 400 ppm
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(Contd. on page 3)

GB



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according to 1907/2006/EC, Article 31

Printing date 01.09.2018

Version number 5

Page 3/6

Revision: 01.09.2018

**Trade name: 2-in-1 Screen Cleaner**

(Contd. of page 2)

## DNELs

### 67-63-0 propan-2-ol

Oral	Long-term - systemic effects	26 mg/kg bw/day (Consumer)
Dermal	Long-term - systemic effects	319 mg/kg bw/day (Consumer) 888 mg/kg bw/day (Worker)
Inhalative	Long-term - systemic effects	89 mg/m3 (Consumer) 500 mg/m3 (Worker)

## PNECs

### 67-63-0 propan-2-ol

Fresh water	140.9 mg/l
Marine water	140.9 mg/l
Intermittent releases	140.9 mg/l
STP	2,251 mg/l
Fresh water sediment	552 mg/kg
Marine sediment	552 mg/kg
Soil	28 mg/kg

**Additional information:** The lists valid during the making were used as basis.

## 8.2 Exposure controls

### Personal protective equipment:

### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not required.

### Protection of hands:

Use protective gloves to DIN EN374-3

Only use chemical-protective gloves with CE-labelling of category III.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

### Material of gloves:

Natural rubber, NR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

### Penetration time of glove material:

Permeation: Breakthrough time - > 480 min

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

### Eye protection:

Goggles recommended during refilling

Use safety glasses that meets the requirements of EN 166; latest versions.

**Body protection:** Protective work clothing

**Limitation and supervision of exposure into the environment:** Prevent spills from reaching surface waters or soil.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties:

#### General Information:

<b>Appearance:</b>	Clear
<b>Form:</b>	Liquid.
<b>Colour:</b>	Light blue
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

**pH-value at 20 °C:** 8.99

#### Change in condition

**Melting point/freezing point:** Not determined.

(Contd. on page 4)

GB



# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 01.09.2018

Version number 5

Page 4/6

Revision: 01.09.2018

Trade name: **2-in-1 Screen Cleaner**

(Contd. of page 3)

<b>Initial boiling point and boiling range:</b> 100 °C	
<b>Flash point:</b>	Not applicable.
<b>Flammability (solid, gas):</b>	Not applicable.
<b>Ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined.
<b>Auto-ignition temperature:</b>	Product is not self-igniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Vapour pressure at 20 °C:</b>	23 hPa
<b>Density at 20 °C:</b>	0.99 g/cm <sup>3</sup>
<b>Relative density:</b>	Not determined.
<b>Vapour density:</b>	Not determined.
<b>Evaporation rate:</b>	Not determined.
<b>Solubility in / Miscibility with:</b>	
<b>Water:</b>	Fully miscible.
<b>Refraction Index:</b>	1.335
<b>Partition coefficient: n-octanol/water:</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
<b>Solvent content:</b>	
<b>Oxidizing properties:</b>	Does not contain oxidizing properties.
<b>9.2 Other information:</b>	No further relevant information available.

## SECTION 10: Stability and Reactivity

**10.1 Reactivity:** Stable under recommended conditions.

**10.2 Chemical stability:**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions:** No dangerous reactions known.

**10.4 Conditions to avoid:** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

## SECTION 11: Toxicological Information

**11.1 Information on toxicological effects:**

**Acute toxicity:** Based on available data, the classification criteria are not met.

**LD/LC50 values relevant for classification:**

**67-63-0 propan-2-ol**

Oral	LD50	5,045 mg/kg (Rat)
Dermal	LD50	12,800 mg/kg (Rabbit)
Inhalative	LC50/4 h	30 mg/l (Rat)

**Primary irritant effect:**

**Skin corrosion/irritation:** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation:** No known effect.

(Contd. on page 5)

GB



# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 01.09.2018

Version number 5

Page 5/6

Revision: 01.09.2018

Trade name: **2-in-1 Screen Cleaner**

(Contd. of page 4)

**Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.

**CMR effects (carcinogenic, mutagenic and reprotoxic):**

**Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

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

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

**STOT-single exposure:** Based on available data, the classification criteria are not met.

**STOT-repeated exposure:** Based on available data, the classification criteria are not met.

**Aspiration hazard:** Based on available data, the classification criteria are not met.

## SECTION 12: Ecological Information

### 12.1 Toxicity:

The product components are not classified as dangerous for the environment or the quantities are not relevant. Larger or frequent spills can be dangerous or harmful to the environment.

**Aquatic toxicity:** Not hazardous to water.

**12.2 Persistence and degradability:** Easily biodegradable

**12.3 Bioaccumulative potential:** Does not accumulate in organisms

**12.4 Mobility in soil:** No further relevant information available.

**Additional ecological information:**

**General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**12.5 Results of PBT and vPvB assessment:**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects:** No further relevant information available.

## SECTION 13: Disposal Considerations

### 13.1 Waste treatment methods:

**Recommendation:** Smaller quantities can be disposed of with household waste.

**Contaminated packaging:**

**Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport Information

### 14.1 UN-Number:

ADR/RID/ADN, IMDG, IATA

Void

### 14.2 UN proper shipping name:

ADR/RID/ADN, IMDG, IATA

Void

### 14.3 Transport hazard class(es):

ADR/RID/ADN, IMDG, IATA

Class:

Void

### 14.4 Packing group:

ADR/RID/ADN, IMDG, IATA

Void

### 14.5 Environmental hazards:

**Marine pollutant:**

No

### 14.6 Special precautions for user:

Not applicable.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:**

Not applicable.

(Contd. on page 6)

GB



## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 01.09.2018

Version number 5

Page 6/6

Revision: 01.09.2018

**Trade name: 2-in-1 Screen Cleaner**

(Contd. of page 5)

**UN "Model Regulation":**

Void

### SECTION 15: Regulatory Information

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

##### Directive 2012/18/EU:

**Named dangerous substances - ANNEX I:** None of the ingredients are listed.

**National regulations:** Not applicable

**Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other Information

This information is based on our present knowledge. This shall not constitute a guarantee for any properties of the product and shall not establish a legally valid contractual relationship.

#### Relevant phrases:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

**Training hints:** Take care of good information, instruction and training for users.

**Department issuing SDS:** Environment protection department.

#### Abbreviations and acronyms:

ADN: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (Division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

EC50: Effective Concentration, 50 percent

IOELVS: Indicative Occupational Exposure Limit Values

mPa.s: milliPascal per second

Flam. Liq. 2: Flammable liquids – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

#### References:

This information is based on the current available data (suppliers of raw materials, chemistry maps, Annex VI)

See also the internet site: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

**Revisions were made in sections marked with \*.**

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