

## SAFETY DATA SHEET

according to Regulation (EU) 2020/878

Page 1/10

### Nissan Screenwash

Revision 20

Revision date 2022-11-15

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

##### 1.1. Product identifier

Product name	Nissan Screenwash
--------------	-------------------

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

Product Use	[SU21] Consumer uses: Private households (= general public = consumers); [PC35] Washing and cleaning products (including solvent based products); ----- [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);
Description	A concentrated vehicle screen wash solution.

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

Company	SUPAGARD LIMITED
Address	19-27 Gavinton Street Muirend Glasgow G44 3EF
Web	www.supagard.com
Telephone	0141 633 5933
Fax	01416377219
Email	James.Smyth@supagard.com
Email address of the competent person	James.Smyth@supagard.com

##### 1.4. Emergency telephone number

Emergency telephone number	01416335933 8.30am to 5.00pm  For medical advice or information you should contact your GP or NHS 111 (or NHS 24 in Scotland) on 111 (for 24 hour health advice)  If you are a healthcare professional with an enquiry please visit <a href="http://www.TOXBASE.org">www.TOXBASE.org</a>
----------------------------	---

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Flam. Liq. 3: H226; Eye Irrit. 2: H319;
--------------------------------------	---

##### 2.2. Label elements

Hazard pictograms	 
-------------------	---

## Nissan Screenwash

Revision 20  
Revision date 2022-11-15

## 2.2. Label elements

Signal Word	Warning
Hazard Statement	Flam. Liq. 3: H226 - Flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation.
Precautionary Statement: Prevention	P102 - Keep out of reach of children. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Precautionary Statement: Response	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.
Precautionary Statement: Storage	P403+P235 - Store in a well-ventilated place. Keep cool.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to an approved disposal site, in accordance with local regulations.
SUPPLEMENTAL HAZARD INFORMATION	Ingredients as required by Regulation (EC) No 648/2004: Denatured Alcohol, Less than 5% Non-ionic surfactants, Less than 5% Anionic surfactants, Parfum, CI 42090, Linalool, Limonene, Hexyl Cinnamal.  Contains - 30% w/w Denatured Ethanol.

## 2.3. Other hazards

Other hazards	This substance/mixture is not classified as PBT or vPvB according to current criteria. The substance/mixture does not contain substances with endocrine disrupting properties.
---------------	--

## Further information

	RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.
--	--

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Ethanol: Ethyl Alcohol (Ethanol)		64-17-5	200-578-6	01-2119457610-43	20 - 30%	Flam. Liq. 2: H225; Eye Irrit. 2: H319;

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water. Contact lenses should be removed.
Skin contact	Remove contaminated clothing. Wash with water and soap as a precaution.
Ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly.

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

Inhalation	High concentration of vapour in enclosed space may cause irritation, headaches and nausea. May cause irritation to respiratory system.
Eye contact	Causes serious eye irritation.
Skin contact	May cause skin dryness and irritation. Prolonged contact may cause defatting of the skin.
Ingestion	May cause irritation to mucous membranes.

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

	TREAT SYMPTOMATICALLY.
Inhalation	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	Contact lenses should be removed. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.

# Nissan Screenwash

Revision 20  
Revision date 2022-11-15

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

Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist.
<b>General information</b>	
	If you feel unwell, seek medical advice (show the label where possible). Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

	Flammable liquid. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
--	---

### 5.2. Special hazards arising from the substance or mixture

	No data available.
--	--------------------

### 5.3. Advice for firefighters

	Fire fighters should wear self contained positive pressure breathing apparatus (SCBA) and full turnout gear.
--	--

### Further information

	In the event of a fire and/or explosion do not breath fumes. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
--	---

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

	Wear suitable protective equipment. Flammable liquid. Avoid sparks, flames, heat and sources of ignition. Avoid contact with eyes and skin.
--	---

### 6.2. Environmental precautions

	Advise local authorities if large spills cannot be contained.
--	---

### 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Avoid sparks, flames, heat and sources of ignition.
--	--

### 6.4. Reference to other sections

	See section 2, 7, 8, 13 for further information.
--	--

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

	Adopt best Manual Handling considerations when handling, carrying and dispensing.
--	---

### 7.2. Conditions for safe storage, including any incompatibilities

	Flammable liquid. Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light. Store in a well-ventilated place. Keep cool. Store in original container. Keep container tightly closed. Keep away from combustible material. Keep out of the reach of children.
--	---

### 7.3. Specific end use(s)

	A concentrated vehicle screen wash solution.
--	--

### Suitable packaging

	Plastic containers.
--	---------------------

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

## Nissan Screenwash

Revision 20  
Revision date 2022-11-15

## 8.1. Control parameters

Occupational exposure controls.

## 8.1.1. Exposure Limit Values

2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene (Alpha-Pinene)	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: 50 WEL 8-hr limit mg/m3 total inhalable dust: WEL 8-hr limit mg/m3 total respirable dust:	WEL 8-hr limit mg/m3: 140 WEL 15 min limit mg/m3: 300 WEL 15 min limit mg/m3 total inhalable dust: WEL 15 min limit mg/m3 total respirable dust:
2,6-Di-tert-butyl-p-cresol	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: WEL 8-hr limit mg/m3 total respirable dust:	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total inhalable dust: WEL 15 min limit mg/m3 total respirable dust:
6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: 50 WEL 8-hr limit mg/m3 total inhalable dust: WEL 8-hr limit mg/m3 total respirable dust:	WEL 8-hr limit mg/m3: 140 WEL 15 min limit mg/m3: 300 WEL 15 min limit mg/m3 total inhalable dust: WEL 15 min limit mg/m3 total respirable dust:
Diethyl phthalate	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: WEL 8-hr limit mg/m3 total respirable dust:	WEL 8-hr limit mg/m3: 5 WEL 15 min limit mg/m3: 10 WEL 15 min limit mg/m3 total inhalable dust: WEL 15 min limit mg/m3 total respirable dust:
Ethanol: Ethyl Alcohol (Ethanol)	WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: WEL 8-hr limit mg/m3 total respirable dust:	WEL 8-hr limit mg/m3: 1920 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total inhalable dust: WEL 15 min limit mg/m3 total respirable dust:
Monopropylene Glycol (Propane-1,2-diol particulates)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: WEL 8-hr limit mg/m3 total respirable dust:	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total inhalable dust: WEL 15 min limit mg/m3 total respirable dust:
Monopropylene Glycol (Propane-1,2-diol total vapour and particulates)	WEL 8-hr limit ppm: 150 WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: WEL 8-hr limit mg/m3 total respirable dust:	WEL 8-hr limit mg/m3: 474 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total inhalable dust: WEL 15 min limit mg/m3 total respirable dust:

DNEL: Derived no-effect level.

Exposure Pattern - Workers

## Nissan Screenwash

Revision 20  
Revision date 2022-11-15



## Exposure Pattern - Workers

2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	Long-term - inhalation - Systemic effects	5.98 mg/m <sup>3</sup>	
Ethanol: Ethyl Alcohol	Long-term - inhalation - Systemic effects	950 mg/m <sup>3</sup>	
	Long-term - inhalation - Local effects	1900 mg/m <sup>3</sup>	Long-term - dermal - Systemic effects 343 mg/kg
Monopropylene Glycol	Long-term - inhalation - Systemic effects	168 mg/m <sup>3</sup>	
	Long-term - inhalation - Local effects	10 mg/m <sup>3</sup>	

## Exposure Pattern - General population

2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	Long-term - inhalation - Systemic effects	1.06 mg/m <sup>3</sup>	
	Long-term - oral - Systemic effects	0.31 mg/kg	
Ethanol: Ethyl Alcohol	Long-term - inhalation - Systemic effects	114 mg/m <sup>3</sup>	
	Long-term - inhalation - Local effects	950 mg/m <sup>3</sup>	Long-term - dermal - Systemic effects 206 mg/kg
	Long-term - oral - Systemic effects	87 mg/kg	
Monopropylene Glycol	Long-term - inhalation - Systemic effects	50 mg/m <sup>3</sup>	
	Long-term - inhalation - Local effects	10 mg/m <sup>3</sup>	Long-term - dermal - Systemic effects 213 mg/m <sup>3</sup>
	Long-term - oral - Systemic effects	85 mg/m <sup>3</sup>	

## 8.2. Exposure controls

	 
	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Use appropriate personal protective equipment. Wear suitable protective clothing and eye/face protection.
8.2.1. Appropriate engineering controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure eyewash stations and safety showers are close to the workstation location.
Eye / face protection	Avoid contact with eyes. If splashes are likely to occur, wear: safety glasses with side-shields. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Wear chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.
Skin protection - Handprotection	Rubber gloves. Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.
Respiratory protection	No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.
8.2.3. Environmental exposure controls	Prevent further leakage or spillage if safe to do so.

## SECTION 9: Physical and chemical properties

## Nissan Screenwash

Revision 20

Revision date 2022-11-15

## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Aqueous solution
<b>Colour</b>	Blue
<b>Odour</b>	Designer Fragranced
<b>pH</b>	5.5 - 7.9
<b>Melting point</b>	No data available
<b>Initial boiling point</b>	≥ 81 °C
<b>Flash point</b>	25 °C
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Relative Vapour Density</b>	No data available
<b>Density / Relative Density</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Viscosity</b>	< 50 centipoise
<b>Explosive properties</b>	No data available
<b>Oxidising properties</b>	Not applicable.
<b>Solubility</b>	Soluble in water

## 9.2. Other information

<b>Conductivity</b>	No data available
<b>Surface tension</b>	No data available
<b>Specific gravity</b>	0.89 - 0.92 g/cm <sup>3</sup>
<b>Gas group</b>	No data available
<b>Benzene Content</b>	Not applicable.
<b>Lead content</b>	Not applicable.
<b>VOC (Volatile organic compounds)</b>	No data available

## 9.2.1. Information with regard to physical hazard classes

	No data is available on this product.
--	---------------------------------------

## 9.2.2. Other safety characteristics

	No data is available on this product.
--	---------------------------------------

**SECTION 10: Stability and reactivity**

## 10.1. Reactivity

	Flammable liquid. Stable under normal conditions.
--	---

## 10.2. Chemical stability

	Flammable liquid. Stable under normal conditions.
--	---

## 10.3. Possibility of hazardous reactions

	None known.
--	-------------

## 10.4. Conditions to avoid

	Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light.
--	--

## 10.5. Incompatible materials

	Oxidising agents. Combustible materials.
--	--

## 10.6. Hazardous decomposition products

	No Hazardous decomposition products when stored and handled correctly.
--	--

**SECTION 11: Toxicological information**

## Nissan Screenwash

Revision 20

Revision date 2022-11-15

## 11.1 Information on hazard classes

Acute toxicity	This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP). based on available data the classification criteria are not met. Oral ATE = >10,000 mg/kg. Inhalation Dust/Mist = .10,000 mg/l.
Skin corrosion/irritation	based on available data the classification criteria are not met.
Serious eye damage/irritation	Eye Irrit. 2: H319 - Causes serious eye irritation.
Respiratory or skin sensitisation	based on available data the classification criteria are not met.
Germ cell mutagenicity	based on available data the classification criteria are not met.
Carcinogenicity	based on available data the classification criteria are not met.
Reproductive toxicity	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.
Repeated or prolonged exposure	based on available data the classification criteria are not met.

## 11.1.2. Mixtures

	No data available.
--	--------------------

## 11.1.3. Hazard Information

	No data available.
--	--------------------

## 11.1.4. Toxicological Information

2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	Oral Rat LD50: 3500 mg/kg
6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane	Dermal Rat LD50: 133848.9mg/kg Oral Rat LD50: 37287.23mg/kg
Ethanol: Ethyl Alcohol	Oral Rat LD50: 10470.0 mg/kg Inhalation Rat LC50/4 h: 20 mg/l Dermal Rabbit LD50: 15800.0 mg/kg
Monopropylene Glycol	Dermal Rat LD50: >2000 mg/kg Dermal Rabbit LD50: >2000 mg/kg Oral Rat LD50: 22000 mg/kg Inhalation Rat LC50/4 h: 41 mg/l

## 11.2 Information on other hazards

	No data is available on this product.
--	---------------------------------------

## SECTION 12: Ecological information

## 12.1. Toxicity

Ethanol: Ethyl Alcohol	Daphnia EC50/48h: 12340.0000 mg/l Green Algae EC50/48h: >100mg/l Rainbow trout LC50/96h: 13000 mg/l NOEC / EC10 for marine or freshwater organisms: 9.6000 mg/l	Algae EC50/72h: 275 mg/l Fathead minnows LC50/96h: 14200 mg/l Golden orfe LC50/48h: >100 mg/l
Monopropylene Glycol	Daphnia EC50/48h: 4000.0000 mg/l Fathead minnows LC50/96h: 55770 mg/l EC50 for marine or freshwater organisms: 13020.0000 mg/l	Green algae EC50/96h: 19000 mg/l Rainbow trout LC50/96h: 40613 mg/l LC50 for marine or freshwater organisms: 15000.0000 mg/l

## 12.2. Persistence and degradability

	Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guide lines.
--	--

## 12.3. Bioaccumulative potential

## Nissan Screenwash

Revision 20  
Revision date 2022-11-15

## 12.3. Bioaccumulative potential

The product is not bioaccumulating.

## Partition coefficient

Nissan Screenwash	No data available	Ethanol: Ethyl Alcohol	-0.35 log P
Monopropylene Glycol	-1.07 log P		

## 12.4. Mobility in soil

This product is soluble in water.

## 12.5. Results of PBT and vPvB assessment

This substance/mixture is not classified as PBT or vPvB according to current criteria.

## 12.6 Endocrine disrupting properties

No data is available on this product.

## 12.7. Other adverse effects

No data is available on this product.

## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## General information

Dispose of in compliance with all local and national requirements.

## Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

## SECTION 14: Transport information

## Hazard pictograms



## 14.1. UN number

UN1170

## 14.2. UN proper shipping name

ETHYL ALCOHOL SOLUTION

## 14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

## 14.4. Packing group

Packing group III

## 14.5. Environmental hazards



## Nissan Screenwash

Revision 20

Revision date 2022-11-15

## 14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

## 14.6. Special precautions for user

	No additional special precautions.
--	------------------------------------

## 14.7 Maritime Transport in bulk according to IMO instruments

	Not applicable.
--	-----------------

## ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

## IMDG

EmS Code	F-E S-D
----------	---------

## IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

## SECTION 15: Regulatory information

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

Regulations	<p>REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> <p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> <p>COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).</p>
-------------	--

## 15.2. Chemical safety assessment

	No information available.
--	---------------------------

## SECTION 16: Other information

## Other information

Revision	<p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> <li>2 - Other hazards.</li> <li>2 - Further information.</li> <li>2 - SUPPLEMENTAL HAZARD INFORMATION.</li> <li>9 - 9.2.2. Other safety characteristics.</li> <li>9 - 9.2.1. Information with regard to physical hazard classes.</li> <li>11 - Acute toxicity.</li> <li>11 - 11.2 Information on other hazards.</li> </ul>
----------	---

## Nissan Screenwash

Revision 20

Revision date 2022-11-15

## Other information

	<p>12 - 12.1. Toxicity.  12 - 12.6 Endocrine disrupting properties.  12 - 12.7. Other adverse effects.  15 - Regulations.</p>
<b>Data sources</b>	<p>Classification and Procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008, as retained and amended in UK law.  Flam. Liq. 3: H226 - Flammable liquid and vapour. - Flash Point - 25 degC.  Eye Irrit. 2: H319 - Causes serious eye irritation. - Calculation Method.</p>
<b>Text of Hazard Statements in Section 3</b>	<p>Flam. Liq. 2: H225 - Highly flammable liquid and vapour.  Eye Irrit. 2: H319 - Causes serious eye irritation.</p>

## Further information

	<p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.</p>
--	---