

RINSE FREE CAR WASH

Safety Data Sheet
according to the WHS Regulations
Issue date: 08/01/2023 Version: 1.0
SDS No: 10736-0039



SECTION 1: Product identifier

1.1. GHS Product identifier

Product form	Mixture
Product name	XPEL Rinse Free Car Wash

1.2. Other means of identification

Other means of identification	XPEL-002
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1.3. Recommended use of the chemical and restrictions on use

Recommended Use	Car Wash
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1.4. Details of manufacturer or importer

Supplier XPEL, Inc. 3251 I-35 San Antonio, TX, 78219 USA T +1 210-678-3700	Supplier XPEL Australia 4/2 Holker St. Newington NSW 2127 Australia
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E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

1.5. Emergency phone number

Emergency number	1300 366 961
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SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 1	H318

2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU)



Corrosion

Signal word (GHS AU)

Danger

Contains

Siloxanes and Silicones, di-Me, polymers with 3-[(2-aminoethyl)amino]propyl silsesquioxanes, hydroxy-terminated ($\geq 3 - < 10 \%$); Sulfuric acid, mono-C10-16-alkyl esters, sodium salts ($\geq 3 - < 10 \%$); Propan-1-ol ($\geq 1 - < 5 \%$); 4-Nonylphenol, branched, ethoxylated ($\geq 1 - < 3 \%$)

Hazard statements (GHS AU)

H315 - Causes skin irritation
H318 - Causes serious eye damage

Precautionary statements (GHS AU)

P264	Wash hands, forearms and face thoroughly after handling.
P280	Wear protective gloves, protective clothing, eye protection, face protection.

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P302+P352	IF ON SKIN: Wash with plenty of water.
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, a doctor.
P321	Specific treatment (see supplemental first aid instruction on this label).
P332+P313	If skin irritation occurs: Get medical attention.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

Name	CAS No	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Water	7732-18-5	≥ 70 - < 75	Not classified
Siloxanes and Silicones, di-Me, polymers with 3-[(2-aminoethyl)amino]propyl silsesquioxanes, hydroxy-terminated	68554-54-1	≥ 3 - < 10	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Silicon dioxide	7631-86-9	≥ 3 - < 10	Not classified
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	68585-47-7	≥ 3 - < 10	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318
Propan-1-ol	71-23-8	≥ 1 - < 5	Flam. Liq. 2, H225 Eye Dam. 1, H318 STOT SE 3, H336
Ethoxylated nonylophenol	68412-54-4	≥ 1 - < 5	Not classified
Dodecan-1-ol, ethoxylated	9002-92-0	≥ 1 - < 3	Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319
4-Nonylphenol, branched, ethoxylated	127087-87-0	≥ 1 - < 3	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
benzyl benzoate	120-51-4	≥ 0.5 - < 3	Acute Tox. 4 (Oral), H302

SECTION 4: First aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	Call a poison center or a doctor if you feel unwell.

4.2. Symptoms caused by exposure

Symptoms/effects after skin contact	Causes skin irritation.
Symptoms/effects after eye contact	Causes serious eye damage.

4.3. Medical attention and special treatment

Treatment	Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable Extinguishing Media	Do not use a solid water stream as it may scatter and spread fire.

5.2. Specific hazards arising from the chemical

Explosion hazard	Product is not explosive.
General measures	Avoid contact with eyes, skin or mucous membrane. Evacuate the danger area. Evacuate personnel to a safe area.
Hazardous decomposition products in case of fire	Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Avoid contact with eyes, skin or mucous membrane. Evacuate the danger area. Evacuate personnel to a safe area.
6.1.1. For non-emergency personnel Emergency procedures	Ventilate spillage area. Avoid contact with skin and eyes.
6.1.2. For emergency responders Protective equipment	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up	Take up liquid spill into absorbent material.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	Avoid contact with eyes, skin or mucous membrane.
Precautions for safe handling	Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures	Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Store in a well-ventilated place. Keep cool.
Heat and ignition sources	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Information on mixed storage	Keep away from food, drink and animal feeding stuffs.
Storage area	Keep out of frost.

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SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

Propan-1-ol (71-23-8)	
Australia - Occupational Exposure Limits	
Local name	Propyl alcohol (Propan-1-ol)
OES TWA [1]	492 mg/m ³
OES TWA [2]	200 ppm
OES STEL	614 mg/m ³
OES STEL [ppm]	250 ppm
Remark (AU)	Sk - Absorption through the skin may be a significant source of exposure.
Regulatory reference	Workplace exposure standards for airborne contaminants (2022)

Silicon dioxide (7631-86-9)	
Australia - Occupational Exposure Limits	
Local name	Fumed silica [Silica - Amorphous]
OES TWA [1]	2 mg/m ³ respirable dust
Regulatory reference	Workplace exposure standards for airborne contaminants (2022)

8.2. Biological Monitoring

No additional information available

8.3. Engineering controls

Appropriate engineering controls Ensure good ventilation of the work station.

8.4. Individual protection measures, such as personal protective equipment (PPE)

Hand protection Chemically resistant protective gloves
Eye protection tightly fitting safety goggles
Skin and body protection Wear suitable protective clothing
Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment
Environmental exposure controls Avoid release to the environment.

SECTION 9: Physical and chemical properties

Physical state	Liquid
Appearance	No data available
Colour	Green
Odour	sweet odour
Odour Threshold	No data available
pH	7 - 8
pH solution	No data available
Relative evaporation rate (butylacetate=1)	No data available

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Melting point / Freezing point	Melting point: < 91.4 °C
Boiling point	97 °C
Flash point	> 71.1 °C
Auto-ignition temperature	413 °C
Flammability (solid, gas)	No data available
Vapour pressure	Vapour pressure: 33 mm Hg 20°C
Relative density	No data available
Density	Relative density: 1 20°C
Solubility	Water: Soluble in water
Log Pow	No data available
Explosive properties	No data available
Explosive limits	No data available
Minimum ignition energy	No data available
Fat solubility	No data available

SECTION 10: Stability and reactivity

Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use.
Conditions to avoid	None under recommended storage and handling conditions (see section 7).
Incompatible materials	Strong acids. Strong bases. Strong oxidizing agent.
Hazardous decomposition products	Carbon oxides (CO, CO ₂).

SECTION 11: Toxicological information

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified

Sulfuric acid, mono-C10-16-alkyl esters, sodium salts (68585-47-7)	
LD50 oral	> 2000 mg/kg
ATE AU (oral)	500 mg/kg bodyweight
Dodecan-1-ol, ethoxylated (9002-92-0)	
LD50 oral rat	1000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
ATE AU (oral)	500 mg/kg bodyweight
4-Nonylphenol, branched, ethoxylated (127087-87-0)	
ATE AU (oral)	500 mg/kg bodyweight
benzyl benzoate (120-51-4)	
ATE AU (oral)	500 mg/kg bodyweight

Skin corrosion/irritation	Causes skin irritation. pH: 7 - 8
Serious eye damage/irritation	Causes serious eye damage. pH: 7 - 8

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Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified

Propan-1-ol (71-23-8)	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure	Not classified
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Dodecan-1-ol, ethoxylated (9002-92-0)	
NOAEL (oral, rat, 90 days)	500 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

Aspiration hazard	Not classified
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Water (7732-18-5)	
Animal studies and expert judgment for classification	False

Propan-1-ol (71-23-8)	
Animal studies and expert judgment for classification	False

Siloxanes and Silicones, di-Me, polymers with 3-[(2-aminoethyl)amino]propyl silsesquioxanes, hydroxy-terminated (68554-54-1)	
Animal studies and expert judgment for classification	False

Ethoxylated nonylphenol (68412-54-4)	
Animal studies and expert judgment for classification	False

Sulfuric acid, mono-C10-16-alkyl esters, sodium salts (68585-47-7)	
Animal studies and expert judgment for classification	False

Silicon dioxide (7631-86-9)	
Animal studies and expert judgment for classification	False

Dodecan-1-ol, ethoxylated (9002-92-0)	
Animal studies and expert judgment for classification	False

4-Nonylphenol, branched, ethoxylated (127087-87-0)	
Animal studies and expert judgment for classification	False

benzyl benzoate (120-51-4)	
Animal studies and expert judgment for classification	False

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Component	
Ethoxylated nonylphenol(68412-54-4)	The substance is identified for having endocrine disrupting properties but there is no additional data available
4-Nonylphenol, branched, ethoxylated(127087-87-0)	The substance is identified for having endocrine disrupting properties but there is no additional data available

SECTION 12: Ecological information

12.1. Ecotoxicity

Ecology - general	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	Not classified
Hazardous to the aquatic environment, long-term (chronic)	Not classified

Dodecan-1-ol, ethoxylated (9002-92-0)	
LC50 fish 1	2.427 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 Daphnia 1	9.1313 mg/l Test organisms (species): Daphnia magna
NOEC (chronic)	0.144 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	0.139 mg/l Test organisms (species): other: Duration: '28 d'

12.2. Persistence and degradability

Water (7732-18-5)	
Not rapidly degradable	-

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone	Not classified
Other adverse effects	No additional information available

XPEL Rinse Free Car Wash	
Fluorinated greenhouse gases	False
Water (7732-18-5)	
Fluorinated greenhouse gases	False
Propan-1-ol (71-23-8)	
Fluorinated greenhouse gases	False
Siloxanes and Silicones, di-Me, polymers with 3-[(2-aminoethyl)amino]propyl silsesquioxanes, hydroxy-terminated (68554-54-1)	
Fluorinated greenhouse gases	False

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Ethoxylated nonylophenol (68412-54-4)	
Fluorinated greenhouse gases	False
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts (68585-47-7)	
Fluorinated greenhouse gases	False
Silicon dioxide (7631-86-9)	
Fluorinated greenhouse gases	False
Dodecan-1-ol, ethoxylated (9002-92-0)	
Fluorinated greenhouse gases	False
4-Nonylphenol, branched, ethoxylated (127087-87-0)	
Fluorinated greenhouse gases	False
benzyl benzoate (120-51-4)	
Fluorinated greenhouse gases	False

SECTION 13: Disposal considerations

Waste treatment methods Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

14.1. UN number

No dangerous goods as defined by the transport regulations

14.2. UN Proper Shipping Name

Proper Shipping Name (ADG)	Not regulated
Proper Shipping Name (IMDG)	Not regulated
Proper Shipping Name (IATA)	Not regulated

14.3. Transport hazard class(es)

ADG Transport hazard class(es) (ADG)	Not regulated
IMDG Transport hazard class(es) (IMDG)	Not regulated
IATA Transport hazard class(es) (IATA)	Not regulated

14.4. Packing group

Packing group (ADG)	Not regulated
Packing group (IMDG)	Not regulated
Packing group (IATA)	Not regulated

14.5. Environmental hazards

Marine pollutant	No
Dangerous for the environment	No
Other information	No supplementary information available

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14.6. Special precautions for user

Specific storage requirement	No data available
Shock sensitivity	No data available

14.7. Additional information

Other information	No supplementary information available
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Transport by road and rail

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

14.8. Hazchem or Emergency Action Code

Hazchem Code	Not applicable
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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

15.2. International agreements

No additional information available

SECTION 16: Other information

Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods

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LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties
DOT	Department of Transport
TDG	Transportation of Dangerous Goods
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
GIS	Globally Harmonized System of Classification, Labelling and Packaging of Chemicals
ICB-Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
MARPOL 73/78 - MARPOL 73/78	International Convention for the Prevention of Pollution From Ships
ADG	Transport of Australian Dangerous Goods

Other information

Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

Classification		
Skin Irrit. 2		H315
Eye Dam. 1		H318

Full text of H-statements	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 2	Flammable liquids, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2

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STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness