

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product Name XPEL Flawless Finish Rinse Free Car Wash

1.2. Other means of identification

SDS # XPEL-002

Contains n-Propyl alcohol

1.3. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use Car Wash

1.4. Details of the Supplier of the Safety Data Sheet

Supplier XPEL, Inc.
3251 I-35
San Antonio, TX, 78219
USA

Telephone (General) +1 (210) 678-3700

Email Address support@xpel.com

1.4 Emergency telephone number (24H)

INFOTRAC 1-352-323-3500 (International)

INFOTRAC 1-800-535-5053 (North America)

Section 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

Regulation (EC) No 1272/2008

Acute toxicity - Oral Category 4 - (H302)

Serious eye damage/eye irritation Category 1 - (H318)

2.2 Label Elements

Product Identifier Contains n-Propyl alcohol

Signal Word Danger

Hazard statements H302 - Harmful if swallowed
H318 - Causes serious eye damage



Precautionary Statements - EU
(§28, 1272/2008)s

P280 Wear eye protection/ face protection

P270 Do not eat, drink or smoke when using this product

P264	Wash face, hands and any exposed skin thoroughly after handling
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 or doctor
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P330	Rinse mouth

2.3 Other Hazards

No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 MIXTURES

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
n-Propyl Alcohol	Present	71-23-8	1-3	Eye Dam. 1 (H318) STOT SE 3 (H336) Flam. Liq. 2 (H225)	Not determined

Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Section 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

General Advice	Provide this SDS to medical personnel for treatment.
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.
Skin Contact	Remove/Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.
Inhalation	Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician /poison center if individual's condition declines or if symptoms persist.
Ingestion	Rinse mouth. Do not induce vomiting without medical advice. If conscious give 2 glasses of water to dilute. Call a poison center or doctor/physician if you feel unwell.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms	Causes serious eye damage.
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4.3. Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician	Treat symptomatically.
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Section 5: FIREFIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media	Carbon dioxide (CO ₂). Dry chemical. Alcohol resistant foam.
Unsuitable Extinguishing Media	Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising from the Substance or Mixture

Corrosive material.

5.3 Advice for Firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal Precautions, Protective Equipment and Emergency Procedures**

Personal Precautions Wear protective clothing as described in Section 8 of this safety data sheet.

For Emergency Responders Use personal protection recommended in Section 8.

6.2. Environmental Precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

6.3. Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent further leakage or spillage if safe to do so. Soak up and contain spill with an inert (i.e. vermiculite, dry sand or earth) absorbent material.

Methods for Clean-Up Use only non-sparking tools. Sweep up and shovel into suitable containers for disposal. For waste disposal, see section 13 of the SDS.

6.4. Reference to Other Sections

See Section 13: DISPOSAL CONSIDERATIONS.

Section 7: HANDLING AND STORAGE**7.1. Precautions for Safe Handling**

Advice on Safe Handling Wear protective gloves/protective clothing and eye/face protection. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Avoid contact with skin, eyes or clothing. Handle in accordance with good industrial hygiene and safety practice.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Avoid freezing while in storage.

7.3. Specific End Use(s)

Specific Use(s) Car wash.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control Parameters**

Chemical Name	European Union	United Kingdom	France	Spain	Germany
n-Propyl Alcohol 71-23-8	-	STEL: 250 ppm STEL: 625 mg/m3 TWA: 200 ppm TWA: 500 mg/m3 Skin	TWA: 200 ppm TWA: 500 mg/m3	S* STEL: 400 ppm STEL: 1000 mg/m3 TWA: 200 ppm TWA: 500 mg/m3	-
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
n-Propyl Alcohol 71-23-8	-	STEL: 400 ppm TWA: 200 ppm	-	TWA: 200 ppm TWA: 500 mg/m3 STEL: 250 ppm STEL: 620 mg/m3	TWA: 200 ppm TWA: 500 mg/m3 Skin
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
n-Propyl Alcohol 71-23-8	TWA: 200 ppm TWA: 500 mg/m3	Skin TWA: 200 ppm TWA: 500 mg/m3	STEL: 600 mg/m3 TWA: 200 mg/m3	TWA: 100 ppm TWA: 245 mg/m3 Skin STEL: 125 ppm STEL: 346.25 mg/m3	TWA: 100 ppm STEL: 300 ppm Skin

8.2. Exposure Controls

Engineering Controls

Apply technical measures to comply with the occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location. Provide adequate ventilation.

Personal Protective Equipment

Eye/Face Protection

Chemical goggles or full face shield. If necessary, refer to appropriate regulations & standards.

Hand Protection

Wear protective gloves. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves.

Skin and Body Protection

Suitable protective clothing.

Respiratory Protection

Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Physical and Chemical Properties

Physical state	Liquid		
Appearance	Green liquid	Odour	Sweet
Colour	Green	Odour Threshold	No data available

Property	Values	Remarks • Method
pH	7-8	-
Melting point / freezing point	< 92 °C / 197 °F	-
Boiling point / boiling range	97 °C / 207 °F	-
Flash point	> 71 °C / > 160 °F	-
Evaporation Rate	No data available	-
Flammability (Solid, Gas)	No data available	-
Flammability Limit in Air		
Upper flammability or explosive limits	Not determined	-
Lower flammability or explosive limits	Not determined	-
Vapour Pressure	Not determined	-

Vapour Density	Not determined	-
Relative Density	1.0	@ 20°C (68°F)
Water Solubility	Soluble in water	-
Solubility(ies)	Not determined	-
Partition Coefficient	Not determined	-
Autoignition temperature	775.4°F	-
Decomposition temperature	Not determined	-
Kinematic viscosity	No data available	-
Dynamic Viscosity	No data available	-
Explosive Properties	No data available	-
Oxidising Properties	No data available	-

Section 10: STABILITY AND REACTIVITY**10.1 Reactivity**

Not reactive under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3. Possibility of Hazardous Reactions

None under normal processing.

10.4. Conditions to Avoid

Keep out of reach of children. Extremes of temperature and direct sunlight.

10.5. Incompatible Materials

Strong oxidizing agents. Strong acids. Strong bases.

10.6. Hazardous Decomposition Products

Carbon oxides.

Section 11: TOXICOLOGICAL INFORMATION**11.1. Information on Toxicological Effects**

Acute toxicity

Product Information

Inhalation	Do not inhale.
Eye Contact	Causes serious eye damage.
Skin Contact	Avoid contact with skin.
Ingestion	Harmful if swallowed.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	1,870.00 mg/kg
ATEmix (inhalation-gas)	4,049.00 mg/kg
ATEmix (inhalation-dust/mist)	33.33 mg/L

Unknown Acute Toxicity

- 100 % of the mixture consists of ingredient(s) of unknown toxicity.
- 97 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
- 97 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
- 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
- 97 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).
- 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Component Information			
Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
n-Propyl Alcohol 71-23-8	= 1870 mg/kg (Rat)	= 4049 mg/kg (Rabbit)	> 13548 ppm (Rat) 4 h

Skin corrosion/irritation	Not classified.
Serious eye damage/eye irritation	Causes serious eye damage.
Sensitisation	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

Section 12: ECOLOGICAL INFORMATION

12.1 Toxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical name	Algae/aquatic plants	Fish	Crustacea
n-Propyl Alcohol 71-23-8	3300: 48 h Desmodesmus subspicatus mg/L EC50	4480: 96 h Pimephales promelas mg/L LC50 flow-through	3642: 48 h Daphnia magna mg/L EC50 3339 - 3977: 48 h Daphnia magna mg/L EC50 Static

12.2. Persistence and Degradability

Not determined.

12.3. Bioaccumulative Potential

Chemical name	Partition coefficient
n-Propyl Alcohol	0.25 - 0.34

12.4. Mobility in Soil

Mobility Not determined.

12.5. Results of PBT and vPvB Assessment

Not determined.

12.6. Other Adverse Effects

Not determined.

Section 13: DISPOSAL CONSIDERATIONS**13.1. Waste Treatment Methods**

Waste from residues/unused products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Improper disposal or reuse of this container may be dangerous and illegal.

Section 14: TRANSPORT INFORMATION

IMDG	Not regulated
RID	Not regulated
ADR	Not regulated
IATA	Not regulated

Section 15: REGULATORY INFORMATION**15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture**

France

Occupational Illnesses (R-463-3, France)

Chemical name	French RG number	Title
n-Propyl Alcohol 71-23-8	RG 84	-

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

International Inventories

Component	TSCA	DSL/NDSL	E I N E C S / ELINCS	PICCS	ENCS	IECSC	AICS	KECL
n-Propyl Alcohol 71-23-8 (1-3)	X	X	X	X	Present	X	X	Present

Legend

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
DSL/NDSL	Canadian Domestic Substances List/Non-Domestic Substances List
PICCS	Philippines Inventory of Chemicals and Chemical Substances
ENCS	Japan Existing and New Chemical Substances
IECSC	China Inventory of Existing Chemical Substances
AICS	Australian Inventory of Chemical Substances
KECL	Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

Section 16: OTHER INFORMATION

Full text of H-Statements referred to under section 3

H318	Causes serious eye damage
H336	May cause drowsiness or dizziness
H225	Highly flammable liquid and vapour

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Classification Procedure

Calculation method

Issue Date:	26-Mar-2012
Revision Date:	21-Jun-2023
Revision Note:	New format.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2015/830



Disclaimer

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End of Safety Data Sheet