Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

SDS #	XPEL-015-EU
Product Code	R1398, R1398-2
Product Name	XPEL Water Spot Remover

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

Recommended Use	Water spot remover

1.3. Details of the Supplier of the Safety Data Sheet

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

Serious eye damage/eye irritation	Category 2 - (H319)

2.2 Label Elements

Product Identifier

Signal Word	Warning
Hazard statements	H319 - Causes serious eye irritation

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

P264	Wash face, hands and any exposed skin thoroughly after handling
P280	Wear eye protection/ face protection
P337 + P313	If eye irritation persists: Get medical advice/attention

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	1-2	Eye Dam. 1 (H318) STOT SE 3 (H336) Flam. Liq. 2 (H225)	Not determined
Glycol Ether EB	Present	111-76-2	0.5-1	Acute Tox. 4 (H302) Acute Tox. 4 (H332) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)	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 >=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 Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Inhalation Remove to fresh air.

Ingestion Clean mouth with water and drink afterwards plenty of water.

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

Symptoms Causes serious eye irritation. Causes mild skin irritation.

4.3. Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician Treat symptomatically.

Section 5: FIREFIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media Alcohol resistant foam. Carbon dioxide (CO2). Dry chemical. Foam. Dry powder. Water spray. Sand. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media High volume water jet.

5.2. Special Hazards Arising from the Substance or Mixture

Use water spray to keep fire-exposed containers cool.

Hazardous Combustion Products Carbon monoxide. Carbon dioxide (CO2).

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	Use personal protective equipment as required.
For Emergency Responders	Use personal protection recommended in Section 8.

6.2. Environmental Precautions

See Section 12 for additional 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.
Methods for Clean-Up	Absorb spillage with non-combustible, absorbent material. Keep in suitable, closed containers for disposal.

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	Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling.
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 containers tightly closed in a dry, cool and well-ventilated place.

7.3. Specific End Use(s)

Specific Use(s)	Water spot remover.
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	-
Glycol Ether EB 111-76-2	S* TWA 20 ppm TWA 98 mg/m3 STEL 50 ppm STEL 246 mg/m3	STEL: 50 ppm STEL: 246 mg/m3 TWA: 25 ppm TWA: 123 mg/m3 Skin	TWA: 10 ppm TWA: 49 mg/m3 STEL: 50 ppm STEL: 246 mg/m3	S* STEL: 50 ppm STEL: 245 mg/m3 TWA: 20 ppm TWA: 98 mg/m3	TWA: 10 ppm TWA: 49 mg/m3 H*

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
Glycol Ether EB 111-76-2	TWA: 20 ppm TWA: 98 mg/m3 STEL: 50 ppm STEL: 246 mg/m3 Skin	STEL: 50 ppm STEL: 246 mg/m3 TWA: 20 ppm TWA: 98 mg/m3	Skin STEL: 246 mg/m3 TWA: 100 mg/m3	TWA: 20 ppm TWA: 98 mg/m3 STEL: 50 ppm STEL: 250 mg/m3 Skin	TWA: 20 ppm TWA: 98 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: 150 ppm STEL: 306.25 mg/m3	TWA: 100 ppm STEL: 300 ppm Skin
Glycol Ether EB 111-76-2	Skin STEL 40 ppm STEL 200 mg/m3 TWA: 20 ppm TWA: 98 mg/m3	Skin STEL: 20 ppm STEL: 98 mg/m3 TWA: 10 ppm TWA: 49 mg/m3	STEL: 200 mg/m3 TWA: 98 mg/m3	TWA: 10 ppm TWA: 50 mg/m3 Skin STEL: 20 ppm STEL: 75 mg/m3	TWA: 20 ppm TWA: 98 mg/m3 STEL: 50 ppm STEL: 246 mg/m3 Skin

8.2. Exposure Controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Personal Protective Equipment

Eye/Face Protection Wear eye/face protection. If necessary, refer to appropriate regulations and standards.

Hand Protection Wear protective gloves. If necessary, refer to appropriate regulations and standards.

Skin and Body Protection Suitable protective clothing.

Respiratory Protection If necessary, refer to appropriate regulations and standards.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Physical and Chemical Properties

Physical state	Liquid		
Appearance	Light gray liquid	**Odour**	Sweet
Colour	Light grey	**Odour Threshold**	Not determined

Property	Values	Remarks • Method
pH	3-4	-
Melting point / freezing point	Not determined	-
Boiling point / boiling range	82 °C / 180 °F	-
Flash point	Not determined	-
Evaporation Rate	Not determined	-
Flammability (Solid, Gas)	Liquid - Not Applicable	-
Flammability Limit in Air		-
Upper flammability or explosive limits	Not determined	-
Lower flammability or explosive limits	Not determined	-
Vapour Pressure	33 .0 mmHg	(at 20°C/68°F)

Vapour Density	Not determined	-
Relative Density	1	@ 60°F
Water Solubility	>0.01	-
Solubility(ies)	Not determined	-
Partition Coefficient	Not determined	-
Autoignition temperature	Not determined	-
Decomposition temperature	Not determined	-
Kinematic viscosity	Not determined	-
Dynamic Viscosity	Not determined	-
Explosive Properties	Not determined	-
Oxidising Properties	Not determined	-

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

Hazardous Polymerisation Hazardous polymerisation does not occur.

Possibility of Hazardous Reactions None under normal processing.

10.4. Conditions to Avoid

Direct sunlight. Extreme temperatures.

10.5. Incompatible Materials

Acids. Bases. Oxidizing agents.

10.6. Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide (CO2).

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute toxicity

Product Information

Inhalation Do not inhale.

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Ingestion Do not ingest.

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

ATEmix (oral)	56,283.0992 mg/kg
ATEmix (dermal	71,273.80 mg/kg
ATEmix (inhalation-dust/mist)	150.00 mg/L
ATEmix (inhalation-vapour)	205.90 mg/L

Unknown Acute Toxicity

3 % of the mixture consists of ingredient(s) of unknown toxicity.

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

3 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).

2 % 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	= 1870 mg/kg (Rat)	= 4049 mg/kg (Rabbit)	> 13548 ppm (Rat) 4 h
Glycol Ether EB	= 470 mg/kg (Rat)	= 435 mg/kg (Rabbit)	= 450 ppm (Rat) 4 h = 486 ppm (Rat) 4 h

Skin corrosion/irritation	Causes mild skin irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.
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	-	4480: 96 h Pimephales promelas mg/L LC50 flow-through	3339 - 3977: 48 h Daphnia magna mg/L EC50 Static 3642: 48 h Daphnia magna mg/L EC50
Glycol Ether EB	-	1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50	1000: 48 h Daphnia magna mg/L EC50

12.2. Persistence and Degradability

Not determined.

12.3. Bioaccumulative Potential

There is no data for this product.

Chemical name	Partition coefficient
n-Propyl Alcohol	0.34
Glycol Ether EB	0.81

12.4. Mobility in Soil

Mobility

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

14.2 Proper Shipping Name Not regulated

RID

14.2 Proper Shipping Name Not regulated

ADR

14.2 Proper Shipping Name Not regulated

IATA

14.2 Proper Shipping Name 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	-
Glycol Ether EB 111-76-2	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

Chemical name	TSCA	DSL/NDSL	EINECS / ELINCS	PICCS	ENCS	IECSC	AICS	KECL
n-Propyl Alcohol 71-23-8 (1-2)	X	X	X	X	X	X	X	X
Glycol Ether EB 111-76-2 (0.5-1)	X	X	X	X	X	X	X	X

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

H225	Highly flammable liquid and vapour
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage

H319	Causes serious eye irritation
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend	**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**		
TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Classification Procedure

Calculation method

Issue Date:	15-Nov-2021
Revision Date:	08-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

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

End of Safety Data Sheet