SECTION 1: Product identifier

1.1. GHS Product identifier

Product form	Mixture
Product name	XPEL Anti-Static Window Film Cleaner

1.2. Other means of identification

Other means of identification	XPEL-017

1.3. Recommended use of the chemical and restrictions on use

Recommended Use	Cleaner polisher for window tint Plastic materials Glass

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

E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

1.5. Emergency phone number

Emergency number	1300 366 961

SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

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

Serious eye damage/eye irritation, Category 2A H319

2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU)

Exclamation mark

Signal word (GHS AU)	Warning
Contains	Propan-1-ol (≥ 1 – < 3 %); 2-butoxyethanol; ethylene glycol monobutyl ether (≥ 0.5 – < 3 %)
Hazard statements (GHS AU)	H319 - Causes serious eye irritation
Precautionary statements (GHS AU)	
P264	Wash hands, forearms and face thoroughly after handling.
P280	Wear protective gloves, protective clothing, eye protection, face protection.
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.

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	≥ 95	Not classified
Propan-1-ol	71-23-8	≥ 1 – < 3	Flam. Liq. 2, H225 Eye Dam. 1, H318 STOT SE 3, H336
2-butoxyethanol; ethylene glycol monobutyl ether	111-76-2	≥ 0.5 – < 3	Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319 Skin Irrit. 2, H315

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.
First-aid measures after 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.
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 eye contact	Causes serious eye irritation.

4.3. Medical attention and special treatment

Treatment	Treat symptomatically.

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

Fire hazard	Non flammable.
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.

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.

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.

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/m³
OES TWA [2]	200 ppm
OES STEL	614 mg/m³
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)

2-butoxyethanol; ethylene glycol monobutyl ether (111-76-2)	
Australia - Occupational Exposure Limits	
Local name	2-Butoxyethanol (Butyl cellosolve; Butyl glycol; Ethylene glycol monobutyl ether; Glycol monobutyl ether)
OES TWA [1]	96.9 mg/m³
OES TWA [2]	20 ppm
OES STEL	242 mg/m³

2-butoxyethanol; ethylene glycol monobutyl ether (111-76-2)	
Australia - Occupational Exposure Limits	
OES STEL [ppm]	2-Butoxyethanol (Butyl cellosolve; Butyl glycol; Ethylene glycol monobutyl ether; Glycol monobutyl ether)
Remark (AU)	Sk - Absorption through the skin may be a significant source of exposure.
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

9.1 Information on Physical and Chemical Properties

Physical state	Liquid
Appearance	No data available
Colour	light pink
Odour	sweet odor
Odour Threshold	No data available
pH	3 – 4
pH solution	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point / Freezing point	No data available
Boiling point	82.2 °C

Flash point	No data available
Auto-ignition temperature	No data available
Flammability (solid, gas)	No data available
Vapour pressure	Vapour pressure: 30 mm Hg 20°C
Relative density	No data available
Density	Relative density: 1 15,55°C
Solubility	No data available
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 Acids. Bases. Oxidizing agent.

Hazardous decomposition products Carbon oxides (CO, CO2).

SECTION 11: Toxicological information

Acute toxicity (oral) Not classified

Acute toxicity (dermal) Not classified

Acute toxicity (inhalation) Not classified

XPEL Anti-Static Window Film Cleaner	
LD50 oral	56283 mg/kg
LD50 dermal	71273 mg/kg

2-butoxyethanol; ethylene glycol monobutyl ether (111-76-2)	
LD50 oral	1414 mg/kg bodyweight Animal: guinea pig, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1020 - 1961
LC50 Inhalation - Rat (Dust/Mist)	2.2 mg/l/4h
ATE AU (oral)	500 mg/kg bodyweight
ATE AU (dermal)	1100 mg/kg bodyweight
ATE AU (gases)	4500 ppmv/4h
ATE AU (vapours)	11 mg/l/4h
ATE AU (dust,mist)	1.5 mg/l/4h

Skin corrosion/irritation Not classified
pH: 3 – 4

Serious eye damage/irritation Causes serious eye irritation.
pH: 3 – 4

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

2-butoxyethanol; ethylene glycol monobutyl ether (111-76-2)	
NOAEL (dermal, rat/rabbit, 90 days)	> 150 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

Aspiration hazard Not classified

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

2-butoxyethanol; ethylene glycol monobutyl ether (111-76-2)	
Animal studies and expert judgment for classification	False

Water (7732-18-5)	
Animal studies and expert judgment for classification	False

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

2-butoxyethanol; ethylene glycol monobutyl ether (111-76-2)	
LC50 fish 1	1474 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 Daphnia 1	≈ 1800 mg/l Test organisms (species): Daphnia magna
NOEC (chronic)	100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	≥ 100 mg/l Test organisms (species): Oryzias latipes Duration: '14 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 Anti-Static Window Film Cleaner	
Fluorinated greenhouse gases	False
Propan-1-ol (71-23-8)	
Fluorinated greenhouse gases	False
2-butoxyethanol; ethylene glycol monobutyl ether (111-76-2)	
Fluorinated greenhouse gases	False
Water (7732-18-5)	
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

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

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

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
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	
Eye Irrit. 2A	H319

Full text of H-statements	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
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
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness