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

1.1 Product identifier

Product Name	XPEL Protection Film Cleaner
	Contains Sodium metasilicate, Glycol Ether EB

1.2. Other means of identification

SDS #	XPEL-005-EU

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

Recommended Use	Not determined.

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

Skin corrosion/irritation	Category 1 - (H314)
Serious eye damage/eye irritation	Category 1 - (H318)

2.2 Label Elements

Product Identifier	Contains Sodium metasilicate, Glycol Ether EB
Signal Word	Danger
Hazard statements	H314 - Causes severe skin burns and eye damage

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

P260	Do not breathe dust/fume/gas/mist/vapours/spray
P264	Wash face, hands and any exposed skin thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower

P363	Wash contaminated clothing before reuse
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

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
Dipropylene Glycol Monomethyl Ether (DPM)	Present	34590-94-8	10-12	Not determined	Not determined
Glycol Ether EB	Present	111-76-2	2-4	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 4 (H332) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)	Not determined
Sodium metasilicate	Present	6834-92-0	1-2	Skin Corr. 1B (H314) STOT SE 3 (H335)	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. Immediately call a poison center or doctor/physician.
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 victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
Ingestion	Rinse mouth. Do NOT induce vomiting. If conscious give 2 glasses of water to dilute. Immediately call a poison center or doctor/physician.

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

Symptoms	Causes severe skin burns and eye damage.

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	Carbon dioxide (CO2). Foam. Dry chemical.
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	Wash face, hands and any exposed skin thoroughly after handling. Do not breathe dust/fume/gas/mist vapours/spray. 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.
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. Store locked up. Avoid freezing while in storage. Protect from direct sunlight.

7.3. Specific End Use(s)

Specific Use(s)	Film cleaner.
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
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8	S* TWA 50 ppm TWA 308 mg/m3	STEL: 150 ppm STEL: 924 mg/m3 TWA: 50 ppm TWA: 308 mg/m3 Skin	TWA: 50 ppm TWA: 308 mg/m3	S* TWA: 50 ppm TWA: 308 mg/m3	TWA: 50 ppm TWA: 310 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**
Isopropyl Alcohol 67-63-0	TWA: 50 ppm TWA: 308 mg/m3 Skin	STEL: 150 ppm TWA: 50 ppm TWA: 308 mg/m3	TWA: 300 mg/m3	TWA: 50 ppm TWA: 310 mg/m3 Skin	TWA: 50 ppm TWA: 309 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**
Isopropyl Alcohol 67-63-0	Skin STEL 100 ppm STEL 614 mg/m3 TWA: 50 ppm TWA: 307 mg/m3	STEL: 400 ppm STEL: 1000 mg/m3 TWA: 200 ppm TWA: 500 mg/m3	STEL: 480 mg/m3 TWA: 240 mg/m3	TWA: 50 ppm TWA: 300 mg/m3 Skin STEL: 75 ppm STEL: 375 mg/m3	TWA: 50 ppm TWA: 308 mg/m3 STEL: 150 ppm STEL: 924 mg/m3 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: 15 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. 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 impervious 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

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.

Respiratory Protection

Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Physical and Chemical Properties

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

Property	Values	Remarks • Method
pH	12	-
Melting point / freezing point	No data	-
Boiling point / boiling range	100 °C / 212 °F	-
Flash point	> 71 °C / > 160 °F	Tag Closed Cup
Evaporation Rate	No data available	-
Flammability (Solid, Gas)	No information 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	No data available	(Air=1)
Relative Density	< 1	@ 20°C (68°F) (Water = 1)
Water Solubility	>18g/100mL	-
Solubility(ies)	Not determined	-
Partition Coefficient	Not determined	-
Autoignition temperature	No data available	-
Decomposition temperature	No data available	-
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

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	Causes severe skin burns.
Ingestion	Do not ingest.

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

ATEmix (oral)	1,430.00 mg/kg
ATEmix (dermal)	3,266.00 mg/kg
ATEmix (inhalation-dust/mist)	1.50 mg/L
ATEmix (inhalation-vapour)	2.17 mg/L

Unknown Acute Toxicity

100 % of the mixture consists of ingredient(s) of unknown toxicity.

82 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

84 % 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).

96 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).

96 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Component Information			
Chemical name	**Oral LD50**	**Dermal LD50**	**Inhalation LC50**
Dipropylene Glycol Monomethyl Ether (DPM)	= 5400 µL/kg (Rat)	= 9500 mg/kg (Rabbit)	-
Glycol Ether EB	= 470 mg/kg (Rat)	= 99 mg/kg (Rabbit)	= 450 ppm (Rat) 4 h
Sodium metasilicate	= 1153 mg/kg (Rat)	-	-

Skin corrosion/irritation	Causes severe skin burns
Serious eye damage/eye irritation	Causes severe 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
Dipropylene Glycol Monomethyl Ether (DPM)	-	10000: 96 h Pimephales promelas mg/L LC50 static	1919: 48 h Daphnia magna mg/L LC50
Glycol Ether EB	-	1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50	1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50
Sodium metasilicate	-	210: 96 h Brachydanio rerio mg/L LC50 semi-static 210: 96 h Brachydanio rerio mg/L LC50	216: 96 h Daphnia magna mg/L EC50

12.2. Persistence and Degradability

Not determined.

12.3. Bioaccumulative Potential

Chemical name	Partition coefficient
Dipropylene Glycol Monomethyl Ether (DPM)	-0.064
Glycol Ether EB	0.81

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	Empty containers can retain product residues and shall be disposed in accordance with the provisions proposed for the product.

Section 14: TRANSPORT INFORMATION

	14.2 Proper Shipping Name
IMDG	Not regulated
RID	Not regulated
ADR	Not regulated
IATA	Not regulated

NOTE: Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

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
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8	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

Component	TSCA	DSL/NDSL	EINECS / ELINCS	PICCS	ENCS	IECSC	AICS	KECL
Dipropylene Glycol Monomethyl Ether (DPM) 34590-94-8 (10-12)	X	X	X	X	Present	X	X	Present
Glycol Ether EB 111-76-2 (2-4)	X	X	X	X	Present	X	X	Present
Sodium metasilicate 6834-92-0 (1-2)	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

H302	Harmful if swallowed
H312	Harmful in contact with skin
H332	Harmful if inhaled
H315	Causes skin irritation
H319	Causes serious eye irritation
H314	Causes severe skin burns and eye damage
H335	May cause respiratory irritation

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:	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

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