SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Trade name	XPEL Panel Prep

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

Relevant identified uses	All-purpose cleaner Professional use Industrial use

Details of the supplier of the safety data sheet

XPEL, Inc.
3251 I-35
San Antonio, TX 78219
1-210-678-3700
support@xpel.com
www.xpel.com

Emergency telephone number

Emergency information service	USA 1.800.535.5053, INTL 1.352.323.3500 24 hour emergency number

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

Classification acc. to GHS	This mixture does not meet the criteria for classification.

Label elements

Labelling	Not required

Other hazards

Results of PBT and vPvB assessment	Does not contain a PBT-/vPvB-substance in a concentration of ≥ 0.1%.
Endocrine disrupting properties	Does not contain an endocrine disruptor (ED) in a concentration of ≥ 0.1%.

SECTION 3 - Composition/Information on ingredients

Substances

Not relevant (mixture)

Mixtures

Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS
Isopropyl alcohol	CAS No 67-63-0	1 – < 5	Flam. Liq. 2 / H225 Eye Irrit. 2 / H319 STOT SE 3 / H336

Hazardous ingredients, Consideration of other advice

This table, if present, includes all GHS classified ingredients present above their cut-off limits, even if the finished product is not classified as hazardous by GHS. Exact percentage of ingredients is withheld as a trade secret.

For full text of abbreviations: see SECTION 16

SECTION 4 - First-aid measures

Description of first-aid measures

General notes	Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.
Following inhalation	If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.
Following skin contact	Wash with plenty of soap and water.
Following eye contact	Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.
Following ingestion	Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

Indication of any immediate medical attention and special treatment needed

None

SECTION 5 - Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Water spray, Alcohol resistant foam, BC-powder, Carbon dioxide (CO2)

Special hazards arising from the substance or mixture

None

Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Remove persons to safety.
For emergency responders	Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

Environmental precautions

Not required

Methods and material for containment and cleaning up

Advice on how to contain a spill	Covering of drains
Advice on how to clean up a spill	Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder.
Appropriate containment techniques	Use of adsorbent materials.
Other information relating to spills and releases	Place in appropriate containers for disposal. Ventilate affected area.

Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7 - Handling and storage

Precautions for safe handling

Measures to prevent fire as well as aerosol and dust generation	Use local and general ventilation. Use only in well-ventilated areas.
Advice on general occupational hygiene	Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feeding stuffs.

Conditions for safe storage, including any incompatibilities

Control of the effects	Protect against external exposure, such as frost

Specific end use(s)

See section 16 for a general overview.

SECTION 8 - Exposure controls/personal protection

Control parameters

Occupational exposure limit values (Workplace Exposure Limits)											
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m³]	STEL [ppm]	STEL [mg/m³]	Ceiling-C [ppm]	Ceiling-C [mg/m³]	Notation	Source
US	2-propanol	67-63-0	TLV®	200	491	400	984				ACGIH® 2019
US	isopropyl alcohol	67-63-0	PEL (CA)	400	980	500	1,225				Cal/OSHA PEL
US	isopropyl alcohol	67-63-0	REL	400(10 h)	980(10 h)	500	1,225				NIOS H REL
US	isopropyl alcohol	67-63-0	PEL	400	980						29 CFR 1910.1000

Notation

Ceiling-C	ceiling value is a limit value above which exposure should not occur
STEL	short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)
TWA	time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified

Biological limit values						
Country	Name of agent	Parameter	Notation	Identifier	Value	Source
US	2-propanol	acetone		BEI®	40 mg/l	ACGIH® 2019

Relevant DNELs of components						
Name of subtance	CAS No	End point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
isopropyl alcohol	67-63-0	DNEL	500 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
isopropyl alcohol	67-63-0	DNEL	888 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects

Relevant PNECs of components						
Name of subtance	CAS No	End point	Threshold level	Organism	Environmental compartment	Exposure time
isopropyl alcohol	67-63-0	PNEC	2,251 mg/l	microorganisms	sewage treatment plant (STP)	short-term (single instance)
isopropyl alcohol	67-63-0	PNEC	552 mg/l	benthic organisms	sediment	short-term (single instance)
isopropyl alcohol	67-63-0	PNEC	552 mg/l	pelagic organisms	sediment	short-term (single instance)
isopropyl alcohol	67-63-0	PNEC	160 mg/kg	(top) predators	water	short-term (single instance)
isopropyl alcohol	67-63-0	PNEC	141 mg/l	aquatic organisms	water	intermittent release
isopropyl alcohol	67-63-0	PNEC	141 mg/l	aquatic organisms	fresh water	short-term (single instance)
isopropyl alcohol	67-63-0	PNEC	141 mg/l	aquatic organisms	marine water	short-term (single instance)
isopropyl alcohol	67-63-0	PNEC	2,251 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
isopropyl alcohol	67-63-0	PNEC	552 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
isopropyl alcohol	67-63-0	PNEC	552 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
isopropyl alcohol	67-63-0	PNEC	28 mg/kg	terrestrial organisms	soil	short-term (single instance)

Exposure controls

Appropriate engineering controls	General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection	Wear eye/face protection.
Skin protection	
Hand protection	Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
Other protection measures	Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.
Respiratory protection	In case of inadequate ventilation wear respiratory protection.
Environmental exposure controls	Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Property	Values
Physical state	Liquid
Color	light green
Odor	fruity
Melting point/freezing point	-90 °C
Initial boiling point and boiling range	82 °C
Flammability	this material is combustible, but will not ignite readily
Lower and upper explosion limit	2 vol% - 13 vol%
Flash point	>100 °C at 101 kPa
Auto-ignition temperature	Not determined
Decomposition temperature	not relevant
pH (value)	6 – 8
Kinematic viscosity	not determined
Water solubility	miscible in any proportion
Partition coefficient n-octanol/water (log value)	this information is not available
Vapour pressure	4.3 kPa at 20 °C
Density	0.99 g/ml
Relative vapour density	information on this property is not available
Particle characteristics	not relevant (liquid)
Information with regard to physical hazard classes	hazard classes acc. to GHS (physical hazards): not relevant
Miscibility	Completely miscible with water

SECTION 10: Stability and reactivity

Reactivity

Concerning incompatibility: see below “Conditions to avoid” and “Incompatible materials”.

Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Possibility of hazardous reactions

No known hazardous reactions.

Conditions to avoid

There are no specific conditions known which have to be avoided.

Incompatible materials

There is no additional information.

Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure	The method for classification of the mixture is based on ingredients of the mixture (additivity formula).
Classification acc. to GHS	This mixture does not meet the criteria for classification.
Acute toxicity	Shall not be classified as acutely toxic.
Skin corrosion/irritation	Shall not be classified as corrosive/irritant to skin.
Serious eye damage/eye irritation	Shall not be classified as seriously damaging to the eye or eye irritant.
Respiratory or skin sensitization	Shall not be classified as a respiratory or skin sensitizer.
Germ cell mutagenicity	Shall not be classified as germ cell mutagenic.
Carcinogenicity	Shall not be classified as carcinogenic.
Reproductive toxicity	Shall not be classified as a reproductive toxicant.
Specific target organ toxicity - single exposure	Shall not be classified as a specific target organ toxicant (single exposure).
Specific target organ toxicity - repeated exposure	Shall not be classified as a specific target organ toxicant (repeated exposure).
Aspiration hazard	Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

Toxicity	Shall not be classified as hazardous to the aquatic environment.
Persistence and degradability	Data are not available.
Bioaccumulative potential	Data are not available.
Mobility in soil	Data are not available.
Results of PBT and vPvB assessment	According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance in a concentration of ≥ 0.1%.
Endocrine disrupting properties	Does not contain an endocrine disruptor (ED) in a concentration of ≥ 0.1%.
Other adverse effects	Data are not available.

SECTION 13: Disposal considerations

Waste treatment methods	
Sewage disposal-relevant information	Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.
Waste treatment of containers/packages	Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.
Remarks	Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

UN number	not subject to transport regulations
UN proper shipping name	not relevant
Transport hazard class(es)	none
Packing group	not assigned
Environmental hazards	non-environmentally hazardous acc. to the dangerous goods regulations
Special precautions for user	There is no additional information.
Transport in bulk according to IMO instruments	The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations	
Transport of dangerous goods by road or rail (49 CFR US DOT)	Not subject to transport regulations.
International Maritime Dangerous Goods Code (IMDG) - Additional information	Not subject to IMDG.
International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information	Not subject to ICAO-IATA.

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

There is no additional information.

National Inventories		
Country	**Inventory**	**Status**
CA	DSL	all ingredients are listed
EU	REACH Reg.	not all ingredients are listed
US	TSCA	all ingredients are listed (ACTIVE)
AU	AIIC	not all ingredients are listed
CN	IECSC	not all ingredients are listed
EU	ECSI	not all ingredients are listed
JP	CSCL-ENCS	not all ingredients are listed
JP	ISHA-ENCS	not all ingredients are listed
KR	KECI	not all ingredients are listed
MX	INSQ	not all ingredients are listed
NZ	NZIoC	not all ingredients are listed
PH	PICCS	not all ingredients are listed
TR	CICR	not all ingredients are listed
TW	TCSI	not all ingredients are listed
VN	NCI	not all ingredients are listed

Legend	
AIIC	Australian Inventory of Industrial Chemicals
CICR	Chemical Inventory and Control Regulation
CSCL-ENCS	List of Existing and New Chemical Substances (CSCL-ENCS)
DSL	Domestic Substances List (DSL)
ECSI	EC Substance Inventory (EINECS, ELINCS, NLP)
IECSC	Inventory of Existing Chemical Substances Produced or Imported in China
INSQ	National Inventory of Chemical Substances
ISHA-ENCS	Inventory of Existing and New Chemical Substances (ISHA-ENCS)
KECI	Korea Existing Chemicals Inventory
NCI	National Chemical Inventory
NZIoC	New Zealand Inventory of Chemicals
PICCS	Philippine Inventory of Chemicals and Chemical Substances (PICCS)
REACH Reg.	REACH registered substances
TCSI	Taiwan Chemical Substance Inventory
TSCA	Toxic Substance Control Act

Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information, including date of preparation or last revision

Abbreviations and acronyms	
Abbr.	**Descriptions of used abbreviations**
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
ED	Endocrine disruptor
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
Flam. Liq.	Flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
HS	Harmonized Commodity Description and Coding System (Harmonized System, drawn up by the World Customs Organisation)
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
STEL	Short-term exposure limit
STOT SE	Specific target organ toxicity - single exposure
TWA	Time-weighted average
UN RTDG	UN Recommendations on the Transport of Dangerous Good
vPvB	Very Persistent and very Bioaccumulative
WES	Safe Work Australia: Workplace exposure standards for airborne contaminants

Key literature references and sources for data

Safe Work Australia's Code of Practice for Labelling of Workplace Hazardous Chemicals (under WHS Regulations).

UN Recommendations on the Transport of Dangerous Good. International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties	The classification is based on tested mixture.
Health hazards, Environmental hazards	The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

SECTION 16: Other information, including date of preparation or last revision (continued)

List of relevant phrases (code and full text as stated in section 2 and 3)	
Code	**Text**
H225	Highly flammable liquid and vapor.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.