

## SECTION 1 - IDENTIFICATION

### Product identifier

Product name XPEL PANEL PREP

### Other means of identification

SDS # XPEL-035

UN/ID No UN1987

### Recommended use of the chemical and restrictions on use

Recommended Use Surface cleaner.

### Details of the supplier of the safety data sheet

XPEL, Inc.  
3251 I-35  
San Antonio, TX, 78219  
T: +1 210-678-3700  
F: +1 210-678-3701

### Emergency telephone number

Emergency Telephone INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## SECTION 2 - HAZARD(S) IDENTIFICATION

Appearance	Physical state	Odor
Light red liquid	Liquid	Fruity

### Classification

Serious eye damage/eye irritation Category 2

Skin sensitization Category 1

Flammable liquids Category 3

Signal word Warning

Hazard Statements  
Causes serious eye irritation  
May cause an allergic skin reaction  
Flammable liquid and vapor

### Hazard pictograms



### Precautionary statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking

Keep container tightly closed  
Ground/bond container and receiving equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Use explosion-proof equipment

**Precautionary statements - Response**

IF IN EYES: 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  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
If skin irritation or rash occurs: Get medical advice/attention  
Wash contaminated clothing before reuse  
IN CASE OF FIRE: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name CAS No	Weight-%
Isopropyl Alcohol 67-63-0	12-20
1-Butoxy-2-propanol 5131-66-8	2-10
d-Limonene 5989-27-5	>0.1

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**SECTION 4 - FIRST-AID MEASURES****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 or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

**Inhalation** Remove to fresh air.

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

**Most important symptoms and effects (acute and delayed)**

**Symptoms** Causes serious eye irritation. May cause an allergic skin reaction.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

**SECTION 5 - FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Water spray (fog). Alcohol resistant foam. BC powder. Carbon dioxide (CO<sub>2</sub>). Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media                      Not determined.

**Specific hazard arising from the chemical**

Flammable liquid and vapor.

Hazardous combustion products                      Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

Explosion Data                      **Sensitivity to Static Discharge**  
Take precautionary measures against static discharge.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Personal Precautions                      Use personal protective equipment as required.

**Environmental precautions**

Environmental precautions                      See Section 12 for additional Ecological Information.

**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                      Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Dispose of all contaminated trash in accordance with local regulations.

**SECTION 7 - HANDLING AND STORAGE****Precautions for safe handling**

Advice on Safe Handling                      Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing and eye/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharges. Use explosion proof equipment.

**Conditions for safe storage, including any incompatibilities**

Storage Conditions                      Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight.

Incompatible Materials                      Oxidizers.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLK
Isopropyl Alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>

### Appropriate Engineering Controls

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

### Individual protection measures/Personal protective equipment

<b>Eye/Face Protection</b>	Wear eye/face protection. Refer to 29 CFR 1910.133 for eye and face protection regulations.
<b>Skin and Body Protection</b>	Wear protective gloves and protective clothing. Refer to 29 CFR 1910.138 for appropriate skin and body protection.
<b>Respiratory Protection</b>	Refer to 29 CFR 1910.134 for respiratory protection requirements.
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Property	Values
Physical state	Liquid
Appearance	Light red liquid
Color	Light red
Odor	Fruity
Odor Threshold	Not determined
pH	7
Melting point / freezing point	90 °C / 194 °F
Initial boiling point and boiling range	82 °C / 179.6
Flash point	30 °C / 86 °F
Evaporation Rate	Not determined
Flammability (Solid, Gas)	Not determined
Flammability Limit in Air	
Upper flammability or explosive limits	No data available
Lower flammability or explosive limits	No data available
Vapor Pressure	4.3 kPa (at 20°C/68°F)
Vapor Density	No data available
Relative Density	0.96 g/ml
Water Solubility	Miscible in water
Solubility in other solvents	Not determined

Partition Coefficient	Not determined
Autoignition temperature	260 °C / 500 °F
Decomposition temperature	Not determined
Kinematic viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined

## SECTION 10: STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

Heat, flames and sparks. Avoid direct sunlight.

### Incompatible materials

Oxidizers.

### Hazardous decomposition products

None known based on information supplied.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

Eye Contact	Avoid contact with eyes.
Skin Contact	Avoid contact with skin.
Inhalation	Do not inhale.
Ingestion	Do not ingest.

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl Alcohol 67-63-0	= 1870 mg/kg ( Rat )	= 4059 mg/kg ( Rabbit )	> 10000 ppm ( Rat ) 6 h
1-Butoxy-2-propanol 5131-66-8	= 1900 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	-
d-Limonene 5989-27-5	= 5200 mg/kg ( Rat ) = 4400 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Serious eye damage/eye irritation** Causes serious eye irritation.

**Sensitization** May cause an allergic skin reaction.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

Chemical name	ACGIH	IARC	NTP	OSHA
Isopropyl Alcohol 67-63-0	-	Group 3	-	X
d-Limonene 5989-27-5	-	Group 3	-	X

### Legend

IARC (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

### Numerical measures of toxicity

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

**Oral LD50** 6,712.60 mg/kg

**Dermal LD50** 10,892.10 mg/kg

**ATEmix (inhalation-dust/mist)** 158.40 mg/l

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Isopropyl Alcohol 67-63-0	EC50: >1000mg/L (96h, Desmodemus subspicatus) EC50: >1000mg/L (72h, Desmodemus subspicatus)	LC50: =9640mg/L (96h, Pimephales promelas) LC50: =11130mg/L (96h, Pimephales promelas) LC50: >1400000µg/L (96h, Lepomis macrochirus)	EC50: =13299mg/L (48h, Daphnia magna)
d-Limonene 5989-27-5	-	LC50: 0.619 - 0.796mg/L (96h, Pimephales promelas) LC50: =35mg/L (96h, Oncorhynchus mykiss)	-

### Persistence and degradability

Not determined.

**Bioaccumulative potential**

There is no data for this product.

**Mobility**

Chemical name	Partition coefficient
Isopropyl Alcohol 67-63-0	0.05
1-Butoxy-2-propanol 5131-66-8	1.2
d-Limonene 5989-27-5	4.38

**Other adverse effects**

Not determined.

**SECTION 13: DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Status**

Chemical name	California Hazardous Waste Status
Isopropyl Alcohol 67-63-0	Toxic Ignitable
d-Limonene 5989-27-5	Toxic

**SECTION 14: TRANSPORT INFORMATION**

Note	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
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**DOT**

UN/ID No	UN1987
Proper Shipping Name	Alcohols, n.o.s. (Isopropyl alcohol)
Transport hazard class(es)	3
Packing Group	III

**IATA**

UN number or ID number	UN1987
Proper Shipping Name	Alcohols, n.o.s. (Isopropyl alcohol)
Transport hazard class(es)	3
Packing group	III

## IMDG

UN number or ID number	UN1987
Proper Shipping Name	Alcohols, n.o.s. (Isopropyl alcohol)
Transport hazard class(es)	3
Packing Group	III

## SECTION 15: REGULATORY INFORMATION

### International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AIIC
Isopropyl Alcohol	X	ACTIVE	X	X	-	X	X	X	X
1-Butoxy-2-propanol	X	ACTIVE	X	-	-	-	-	-	X
d-Limonene	X	ACTIVE	X	X	X	X	X	X	X

### LEGEND

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

### US Federal Regulations

**CERCLA** This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 313** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Values %
Isopropyl Alcohol - 67-63-0	67-63-0	12-20	1.0

**CWA (Clean Water Act)** This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### US State Regulations

**California Proposition 65** This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Isopropyl Alcohol 67-63-0	X	X	X



## SECTION 16: OTHER INFORMATION

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
-	-	-	-	-

HMIS	HEALTH HAZARDS	FLAMMABILITY	PHYSICAL HAZARDS	PERSONAL PROTECTION
-	-	-	-	Not determined

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**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