## 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<br>Professional use<br>Industrial use |
| **HS code** | 3402.39.90 |

### 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<br>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<br>67-63-0 | 1 – < 5 | Flam. Liq. 2 / H225<br>Eye Irrit. 2 / H319<br>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) |
| **Unsuitable extinguishing media** | Water jet |

| Special hazards arising from the substance or mixture | |
|---|---|
| **Hazardous combustion products** | Nitrogen oxides (NOx) |

**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 | |
|---|---|
| **Environmental precautions** | Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. |

| 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 |
| AU | isopropyl alcohol (propan-2-ol) | 67-63-0 | WES | 400 | 983 | 500 | 1,230 | | | | WES |

**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 |

| 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/kg | benthic organisms | sediment | short-term (single instance) |
| isopropyl alcohol | 67-63-0 | PNEC | 552 mg/kg | 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 | short-term (single instance) |
| 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** | not determined |
| **Flash point** | >100 °C closed cup |
| **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** | |
| **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 information - National regulations - Additional information (UN RTDG)** | Not subject to transport regulations: UN RTDG |
| **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.