



## SAFETY DATA SHEET

### **SatPax® 70% IPA / 30% DI H2O or WFI**

30<sup>th</sup> May 2024

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Prepared in accordance with WHS Regulations Schedule 7(1) for Australia. Complying with GHS Revision 7.

#### **SECTION 1: IDENTIFICATION**

**Product Identifier:**

**Product Name:**

**SatPax® 70% IPA / 30% DI H2O or WFI**

**Other means of identification:**

SPX1000.001.12, SPX1000.001.20, SPX100001212, SPX1200.001.12, SPX12000048, SPX12000098, SPX120007018, SPX12001218, SPX1200R.001.12, SPX3000.001.12, SPX550.001.24, SPX550.003.36, SPX550.004.24, SPX550.005.36, SPX55000624LE, SPX55000924, SPX550070830, SPX570.001.24, SPX670090912, SPX670230912, SPX67091112, SPX670R.001.12, SPX670RBL00112, SPX680A00124, SPXC1000.01.12R, SPXC100000112, SPXC100000412, SPXC100000412R, SPXCCH500112, SPXCHN500112, SPXCHN500124, SPXCHN500T12, SPXCHN500T16R, SPXCHN5R00112, SPXCHN600112, SPXCHN6R00112, SPXCPNW00312, SPXCPNW00312R, SPXEC360P40, SPXHAR.001.12, SPXHAR.01.8, SPXMPNW500112, SPXMPNW500112R, SPXMPX2750012, SPXMSVP06B16, SPXPNW00112, SPXPWX098, SPXSWSEIR00112, SPXV1500.001.12, SPXVCLP00136, SPXVP.003.6R, SPXVP00112, SPXVP00112LE, SPXVP00312, SPXVP0048, SPXVPR00112, SPXVPR0124, SPXVSLP.003.12

SSP100000124, SSP120000224, SSP120000312, SSP12000047, SSP1200110WFI, SSP1200112WFI, SSP300000112, SSP55000424, SSP55000524, SSP55000524LE, SSP67000124, SSPCPVP0112, SSPEC360P40, SSPEC360P40P SPHA00112, SSPHA.001.12P, SSPMS015WFI, SSPMSVP028, SSPPNW00124, SSPVCLP00136, SSPVP00110LE, SSPVP00112LE, SSPVP00124, SSPVP00212LE, SSPVPR00124, SSPVPR0118

**Recommended use of the chemical and restrictions on use:**

**Recommended use:** Wiping and cleaning various surfaces and components. For professional use only.

**Restrictions on use:** Uses other than those described above.

**Details of manufacturer or importer:**

**Company Name:** Berkshire Corporation

**Company Address:** 21 River Street Great Barrington  
MA 01230 United States

**Company Telephone:** 1-800-242-7000

**Contact Email:** [ghs@berkshire.com](mailto:ghs@berkshire.com)

**Phone number in case of emergency:** CHEMREC, APAC.: +65 3163 8374.

Australia: +61 2 9037 2994 & toll free 1800 862 115

24/7

#### **SECTION 2: HAZARD(S) IDENTIFICATION**

**Classification of the hazardous chemical:**

**Classification in accordance with the WHS Regulation:**

Flammable Liquid, Category 2

Eye irritation, category 2A

Specific target organ toxicity, single exposure, category 3 (narcotic effects)

# SatPax ® 70% IPA / 30% DI H2O or WFI

## Label elements, including precautionary statements:

### Hazard symbol(s):



Flammable

Harmful

### Signal word:

DANGER

### Hazard statement(s):

H225 - Highly flammable liquid and vapour

H319 - Causes serious eye irritation.

H336 - May cause drowsiness or dizziness

### Precautionary Statements:

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240 - Ground and bond container and receiving equipment.

P241 - Use explosion-proof [electrical/ventilating/ lighting] equipment.

P242 - Use non-sparking tools.

P243 - Take action to prevent static discharges

P261 - Avoid breathing dust/fume/gas/mist/ vapours/spray.

P264 - Wash thoroughly after handling

P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340 - If INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 - Call a POISON CENTRE/doctor if you feel unwell.

P337+P313 - If eye irritation persists: Get medical advice/attention

P370+P378 - In case of fire: Use water spray (fog), carbon dioxide (CO<sub>2</sub>), dry chemical powder or foam to extinguish.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P403+P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up

P501 - Dispose of contents/container to a suitable disposal site in accordance with local/regional/national/international regulations

### Other hazards known to the supplier with respect to the hazardous product:

None known.

## SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

# SatPax ® 70% IPA / 30% DI H2O or WFI

## Mixture:

Chemical identity of the substance	CAS#	Concentration or concentration ranges
Isopropyl Alcohol	67-63-0	70%

Note: The balance of the ingredients for each compartment are not classified as hazardous or are below the concentration limit to be classified as hazardous, under the criteria of NOM-018-STPS-2015.

## SECTION 4: FIRST AID MEASURES

### Description of necessary first aid measures:

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Get medical attention. If necessary, call a poison center or physician.

**Skin contact:** Wash with water and soap and rinse thoroughly. Seek medical advice if irritation or pain develops.

**Eye contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.

**Ingestion:** Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do NOT induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

### Symptoms caused by exposure:

Causes serious eye irritation. Adverse symptoms may include the following: pain or irritation.

Watering, redness.

May cause drowsiness or dizziness. Adverse symptoms may include the following: nausea or vomiting, headache, drowsiness/fatigue, dizziness/vertigo, unconsciousness.

### Medical attention and special treatment:

If any symptoms are observed, contact a physician and give them this SDS sheet.

## SECTION 5: FIREFIGHTING MEASURES

**Suitable extinguishing equipment:** Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam. Do not use water jet as an extinguisher, as this will spread the fire.

### Specific hazards arising from the chemical:

Highly flammable liquid and vapour.

Will be easily ignited by heat, sparks or flames. Vapours may form explosive mixtures with air. Vapours may travel to source of ignition and flash back. Most vapours are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapour explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. Containers may explode when heated. Many liquids are lighter than water.

Hazardous combustion products may include the following substances: Carbon monoxide, carbon dioxide.

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## **Special protective equipment and precautions for firefighters:**

Use water spray or fog for cooling exposed containers. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Evacuate all non-emergency personnel from area. Irritating substances may be released during a fire including carbon oxides. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment and emergency procedures:**

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Local authorities should be advised if significant spillages cannot be contained.

See Sections 2 and 7 for additional information on hazards and precautionary measures.

### **Environmental precautions:**

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. If spill occurs on water notify appropriate authorities.

### **Methods and materials for containment and cleaning up:**

Small spill: Vacuum or sweep up material and place in a designated, labeled waste container.

Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows.

Contain and collect spillage with non-combustible, absorbent material e.g., sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13).

Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## **SECTION 7: HANDLING AND STORAGE**

### **Precautions for safe handling:**

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use only non-sparking tools. Empty containers retain product residue and can be hazardous. Do not reuse container.

Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

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

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

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## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Exposure control measures:

Ingredient	Occupational Exposure Limits (Safe Work Australia)
Isopropyl Alcohol	500 ppm, 1230 mg/m <sup>3</sup> STEL 400 ppm, 983 mg/m <sup>3</sup> TWA

### Control banding:

Band 2—use local exhaust ventilation.

### Engineering controls:

Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

If exposure limits have not been established, maintain airborne levels to an acceptable level.

Provide eyewash station. Eye wash fountain and emergency showers are recommended.

Concentrations should be monitored hazardous substances in the workplace in accordance with recognized test methods. Mode, method, type and frequency of testing and measurement of harmful factors in the working environment should meet the requirements of local/regional/national laws.

### Individual protection measures, for example personal protective equipment (PPE):

**Eye and face protection:** Wear safety glasses, safety glasses with side shields or safety goggles. Use equipment for eye protection evaluated and approved under NIOSH/local standards.

**Skin protection:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers.

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

**Respiratory protection:** Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Where risk assessment shows respirators are appropriate use an organic vapour respirator as a backup to engineering controls. Use respirators and components evaluated and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Thermal Hazards:** None known.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid. [Solid containing liquid (prewetted wiper)].
<b>Colour:</b>	White substrate with colourless liquid.
<b>Odour:</b>	Rubbing alcohol
<b>Melting point/freezing point:</b>	Not available
<b>Boiling point or initial boiling point and boiling range:</b>	Not available
<b>Flammability:</b>	Highly flammable liquid and vapour

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## Lower and upper explosion limit/flammability limit:

Flammability limit – lower (%): 2  
Flammability limit – upper (%): 12.7

Flash point: 18 C – closed cup.

Auto-ignition temperature: Not available

Decomposition temperature: Not available

pH: 7

Kinematic viscosity: Not available

Solubility: Insoluble in water

## Partition coefficient:

n-octanol/water (log value): Not applicable

Vapour pressure: Not available.

Density and/or relative density: Not available

Relative vapour density: Not available

Particle characteristics: Not applicable

Spontaneous ignition temperature: 399 C.

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Not reactive under recommended storage and handling conditions.

**Chemical stability:** Stable under recommended storage and handling conditions.

**Possibility of hazardous reactions:** Hazardous reactions not anticipated under recommended storage and handling conditions.

**Conditions to avoid:** Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous decomposition products:** During a fire irritating and toxic substances will be released including carbon monoxide, carbon dioxide.

## SECTION 11: TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Does not meet the criteria for classification.

Substance	Test Type (species)	Value
Isopropyl Alcohol	LD <sub>50</sub> Oral (Rat)	5840 mg/kg
	LD <sub>50</sub> Dermal (Rabbit)	13900 mg/kg
	LC <sub>50</sub> Inhalation (Rat)	> 10000 ppm 6h

**Skin corrosion/irritation:** Does not meet the criteria for classification.

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

**Respiratory sensitization:** Does not meet the criteria for classification.

**Skin sensitization:** Does not meet the criteria for classification.

**Germ cell mutagenicity:** Does not meet the criteria for classification.

**Carcinogenicity:** Does not meet the criteria for classification.

**Reproductive toxicity:** Does not meet the criteria for classification.

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## Specific target organ toxicity-

**Single exposure:** May cause drowsiness or dizziness.

## Specific target organ toxicity-

**Repeat exposure:** Does not meet the criteria for classification.

**Aspiration hazard:** Does not meet the criteria for classification.

## Information on possible routes of exposure:

**Inhalation:** Expected to be a route of exposure

**Ingestion:** Expected to be a route of exposure

**Skin:** Expected to be a route of exposure

**Eyes:** Expected to be a route of exposure

**Target Organs:** Eyes, central nervous system

## Early onset symptoms related to exposure:

Causes serious eye irritation. Adverse symptoms may include the following: pain or irritation, watering, redness.

May cause drowsiness or dizziness. Adverse symptoms may include the following: nausea or vomiting, headache, drowsiness/fatigue, dizziness/vertigo, unconsciousness.

## Delayed health effects from exposure:

No additional information known.

## Exposure levels and health effects:

Information on the dose, concentration or conditions of exposure that may cause adverse health effects is not available for this product.

## Interactive effects:

Information on interactions is not available for this product.

## Other information:

None known

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity:

Substance	Test Type	Species	Value
Isopropyl Alcohol	LC <sub>50</sub>	Fish - Pimephales promelas	10000 mg/L 96 h
	EC <sub>50</sub>	Aquatic Invertebrates - Daphnia magna	> 10000 mg/L 48 h
	NOEC	Algae - Scenedesmus quadricauda	1800 mg/L 7d

### Persistence and degradability:

No data available.

### Bioaccumulative potential:

Isopropyl Alcohol – LogP<sub>ow</sub> = 0.05 Low potential

### Mobility in soil:

No data available.

### Other adverse effects:

None known.

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## SECTION 13: DISPOSAL CONSIDERATIONS

### Disposal methods:

#### Product

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Dispose via a licensed waste disposal contractor. Observe all federal, state/provincial and municipal regulations.

#### Contaminated packaging:

Since emptied containers retain product residue, follow label warnings even after container is emptied. Empty containers should be properly labeled to supplier or everywhere there is a recovery program.

## SECTION 14: TRANSPORT INFORMATION

**UN number (as listed in the ADG Code):** UN 3175

**Proper shipping name or technical name:** SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.  
(Isopropyl Alcohol)

**Transport hazard class:** 4.1,

**Packing group number:** II

#### IMDG (Transport by sea)

UN 3175, SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropyl Alcohol), 4.1, II

#### IATA (Country variations may apply)

UN 3175, SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropyl Alcohol), 4.1, II

#### Limited Quantity Information:

**ADG:** May be shipped as Limited Quantity when transported in inner containers not larger than 1 kg; in packages not exceeding 30 kg gross weight. Refer to the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG) chapter 3.4 and Table 5.3, for additional information.

**IMDG:** May be shipped as Limited Quantity when transported in inner containers not larger than 1 kg; in packages not exceeding 30 kg gross weight. Refer to IMDG Code Section 3.4 for additional information.

**IATA:** May be shipped as Limited Quantity when transported in inner containers not larger than 0.5 kg and not more than 5 kg total net quantity per package. Refer to Section 2.7 and appropriate Packing Instruction for additional information. Review all State and Operator Variations prior to shipping the material.

**Environmental hazards for transport purposes:** Not applicable

**Special precautions for the user:** No additional information

**Additional information:** None known.

**Hazchem or emergency action code:** 1Z

## SECTION 15: REGULATORY INFORMATION

# SatPax ® 70% IPA / 30% DI H2O or WFI

## Safety, health and environmental regulations

### Australian Industrial Chemicals Introduction Scheme (AICIS):

Chemical Name	CAS number	Australian Industrial Chemicals Introduction Scheme
Isopropyl alcohol	67-63-0	LISTED

### Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP):

Isopropyl alcohol is not listed.

### Australia - National Pollutant Inventory (NPI) Substance List:

Isopropyl alcohol is not listed.

### Agricultural and Veterinary Chemicals Act 1994:

Isopropyl alcohol is not listed.

### Montreal protocol on substances that deplete the ozone layer:

Isopropyl alcohol is not listed.

### Stockholm convention on persistent organic pollutants:

Isopropyl alcohol is not listed.

### Rotterdam convention on the prior informed consent procedure for certain hazardous chemicals and pesticides in international trade:

Isopropyl alcohol is not listed.

### Basel convention on the control of transboundary movements of hazardous wastes and their disposal:

Isopropyl alcohol is not listed.

## SECTION 16: ANY OTHER RELEVANT INFORMATION

Date of the latest revision of the safety data sheet: 30<sup>th</sup> May 2024

Revision Number: 1

### DISCLAIMER:

The product information contained herein is believed to be accurate as of the date of the Safety Data Sheet, and is provided without warranty, expressed or implied, as to the results of use of this information or the product to which it relates. Recipient assumes all responsibility for the use of this information and the use (alone or in combination with any other product), storage or disposal of the product, including any resultant personal injury or property damage.