

Material safety data sheet

IPA Surface Wipes (Isopropyl Alcohol Wipes)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name:	IPA Surface Wipes - 70% Isopropyl Alcohol Impregnated Wipes
Product Code:	BSW2412
Use(s) of substance/preparation:	Use only on pre-cleaned hard surfaces
Company Name:	Bastion Pacific Pty Ltd 2 Holbeche Road, Arndell Park NSW 2148 Telephone: +61 2 9714 1110 Fax: +61 2 9714 1112 E-mail: sales@bastionpacific.com.au

2. HAZARDS IDENTIFICATION

Emergency overview: CAUTION
MAY CAUSE EYE IRRITATION

POTENTIAL SHORT TERM HEALTH EFFECTS

Eye Contact: Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Skin Contact: Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, and itching.

Inhalation: Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May be absorbed following inhalation and cause target organ effects.

Ingestion: Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea. May be absorbed following ingestion and cause target organ effects.

Target Organ Effects: Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No	% by V/V
Isopropyl alcohol	67-63-0	70
Purified water	7732-18-5	30

4. FIRST AID MEASURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Skin Contact: Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

Inhalation: Remove person to fresh air. If signs/symptoms develop, get medical attention.

If Swallowed: Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

5. FIRE FIGHTING MEASURES

5.1 FLAMMABLE PROPERTIES

Autoignition temperature: Not Applicable

Flash Point: 11.7 °C

Flammable Limits(LEL): Not Applicable

Flammable Limits(UEL): Not Applicable

5.2 EXTINGUISHING MEDIA

Ordinary combustible material: Use fire extinguishers with class A extinguishing agents (e.g. water, foam)

5.3 PROTECTION OF FIRE FIGHTERS

Special Fire Fighting Procedures: Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: Not Applicable. Flammable solid.

6. ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. **Warning!** A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode.

6.2. ENVIRONMENTAL PRECAUTIONS

For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Place in a closed container approved for transportation by appropriate authorities.

Clean-up methods: Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

7. HANDLING AND STORAGE

7.1 HANDLING

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Keep away from heat, sparks, open flame, pilot lights and other sources of ignition. Avoid breathing of vapors, mists or spray. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits. If ventilation is not adequate, use respiratory protection equipment.

7.2 STORAGE

Keep container in well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS

Provide appropriate local exhaust ventilation on open containers. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control mist, vapor, or spray. If ventilation is not adequate, use respiratory protection equipment.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 Eye/Face Protection

Avoid eye contact.

8.2.2 Skin Protection

Avoid skin contact. Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

8.2.3 Respiratory Protection

Avoid breathing of vapors, mists or spray. An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure: Half facepiece or full facepiece air-purifying respirator suitable for organic vapors. For questions about suitability for a specific application, consult with your respirator manufacturer.

8.2.4 Prevention of Swallowing

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap & water.

8.3 EXPOSURE GUIDELINES

Ingredient Authority Type Limit Additional Information:

ISOPROPYL ALCOHOL ACGIH TWA 200 ppm

ISOPROPYL ALCOHOL ACGIH STEL 400 ppm

ISOPROPYL ALCOHOL OSHA TWA 980 mg/m³

Source of Exposure Limit Data:

ACGIH: American Conference of Governmental Industrial Hygienists

CMRG: Chemical Manufacturer Recommended Guideline

OSHA: Occupational Safety and Health Administration

AIHA: American Industrial Hygiene Association Workplace Environmental Exposure Level

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Physical Form: Saturated Wipe

Odor, Color, Grade: Alcohol Odor

General Physical Form: Liquid

Autoignition temperature: Not Applicable

Flash Point: Not Applicable

Flammable Limits(LEL): Not Applicable

Flammable Limits(UEL): Not Applicable

Boiling Point: Not Applicable

Density: Not Applicable

Melting point: Not Applicable

Solubility in Water: Negligible

Evaporation rate: No Data Available

Viscosity: No Data Available

10. STABILITY AND REACTIVITY

This preparation is stable under normal conditions of storage and use and no chemical incompatibility is known.

11. TOXICOLOGICAL INFORMATION

Based on the ingredients present and their concentrations, this preparation is, according to the conventional method of Directive 1999/45/EC and subsequent amendments, classified as not 'Dangerous' according to health criteria.

12. ECOLOGICAL INFORMATION

Based on the ingredients present and their concentrations, this preparation is, according to the conventional method of Directive 1999/45/EC and subsequent amendments, classified as not 'Dangerous' to the environment.

13. DISPOSAL CONSIDERATIONS

Dispose of waste according to national and local regulations.

14. TRANSPORT INFORMATION

This preparation is not classified as 'Hazardous' for transport purposes.

15. REGULATORY INFORMATION

This preparation is not classified as 'Hazardous' for labelling purposes.

Safety phrases:

S(2) - Keep out of reach of children

S25 - Avoid contact with the eyes.

S26 - In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice.

16. OTHER INFORMATION**Issue date: 24 Jan 2014**

It is believed to be correct and corresponds to the latest state of scientific/technical knowledge but all data, instructions, recommendations and/or suggestions are made without guarantee.