



HOSPECO

EXTRA PRO ANTIBACTERIAL WIPES 75% ALCOHOL

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SAFETY DATA SHEET

1. IDENTIFICATION

GHS Product Identifier

EXTRA PRO ANTIBACTERIAL WIPES 75% ALCOHOL

Company Name

HOSPECO PTY LTD

Address

17 Elizabeth Street Wetherill Park NSW
2164 AUSTRALIA

Telephone/Fax Number

1300 46 77 32

Emergency phone number

1800 638 556

Recommended use of the chemical and restrictions on use

Cleaning and killing germs.

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Flammable Solids: Category 1

Eye Damage/Irritation: Category 2A

STOT Single Exposure: Category 3 (narcotic)

Signal Word (s)

DANGER

Hazard Statement (s)

H228 Flammable solid.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Pictogram (s)

Flame, Exclamation mark



Precautionary statement - Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/equipment. P261
Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash contaminated skin thoroughly after handling. P271
Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement - Response

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P370+P378 In case of fire: Use carbon dioxide, dry chemical, foam, water mist or water spray for extinction.

Precautionary statement - Storage

P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.

Precautionary statement - Disposal

PS01 Dispose of contents/container to an approved waste disposal plant.

Other Information

The health hazards are for the liquid the wipe is impregnated with.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition

Ingredient information is for the liquid the wipe is impregnated with.

Ingredients

Name	CAS	Proportion
Isopropyl alcohol	67-63-0	75%
Ingredients determined not to be hazardous, including water.		Balance

4. FIRST-AID MEASURES

Inhalation

If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.

Ingestion

If ingestion occurs, do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.

Skin

Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

Eye contact

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.

First Aid Facilities

Eyewash, safety shower and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

Other Information

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131126) or a doctor at once.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide, dry chemical, foam, water mist or water spray.

Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes and gases including oxides of nitrogen, carbon monoxide and carbon dioxide.

Specific Hazards Arising From The Chemical

Wipes containing highly flammable liquid. This product will burn if exposed to fire.

Hazchem Code

IZ

Decomposition Temperature

Not available

Precautions in connection with Fire

Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Extinguish all sources of ignition. Wear proper protective equipment. Collect and place in appropriate container. Do not allow large quantities to enter drains or surface waters. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Wipes contain highly flammable liquid. Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Wear overalls, impervious gloves and safety glasses. Keep containers sealed when not in use. Prevent the build up of vapour in the work atmosphere. Keep material away from sparks, flames and other ignition sources. Do not expose to open flame or heat. Establish good housekeeping practices. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for safe storage, including any incompatibilities

Store in a well ventilated area away from heat and sources of ignition, out of direct sunlight and moisture. Take precautions against static electricity discharges. Use proper grounding procedures. Store away from incompatible materials such as materials that support combustion (oxidising materials). Store in suitable, labelled containers. Inspect periodically for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Ensure that storage conditions comply with applicable local and national regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

No exposure standards have been established for this material. However, the available exposure limits for ingredients are listed below:

Isopropyl alcohol

TWA: 400 ppm, 983 mg/m³

STEL: 500 ppm, 1230 mg/m³

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight- hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Source: Safe Work Australia

Biological Limit Values

Name: Isopropyl alcohol

Determinant: Acetone in urine

Value: 40mg/l

Sampling time: End of shift at end of workweek

Notation: Ns, B

Source: American Conference of Industrial Hygienists (ACGIH)

Appropriate Engineering Controls

Provide sufficient ventilation. Where vapours are generated, the use of respiratory protection, or a local exhaust ventilation system is recommended. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn.

Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection

Industrial application:

Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/ face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations.

Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 (series) - Eye Protectors for Industrial Applications.

Hand Protection

Industrial application: Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection

Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Form	Article - Containing Chemical	Appearance	Thin liquid absorbed into non-woven wipes.
Colour	Colourless liquid on a white non-woven wipe	Odour	Alcohol-like
Decomposition Temperature	Not available	Melting Point	Not available
Boiling Point	85°C	Solubility in Water	Not available
Specific Gravity	Not available	pH	6.5
Vapour Pressure	Not available	Vapour Density (Air=1)	Not available
Evaporation Rate	Not available	Odour Threshold	Not available
Viscosity	Not available	Partition Coefficient: n-octanol/water	Not available
Flash Point	22°C	Flammability	Solid containing highly flammable liquid. Sustains combustion.
Auto-Ignition Temperature	Not available	Explosion Limit - Upper	Not available
Explosion Limit - Lower	Not available		

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use.

Chemical Stability

Stable under normal conditions of storage and handling.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible materials

Strong oxidizers

Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

Possibility of hazardous reactions

No hazardous reactions known.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

No toxicity data available for this material.

Ingestion

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Inhalation

May cause irritation to the mucous membrane and upper airways, especially where vapours from the wipes are generated. Symptoms include sneezing, coughing, wheezing, shortness of breath, headache, dizziness, drowsiness, nausea and vomiting.

Skin

May be irritating to skin. The symptoms may include redness, itching and swelling.

Eye

Causes serious eye irritation. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

Respiratory sensitisation

Not expected to be a respiratory sensitiser.

Skin Sensitisation

Not expected to be a skin sensitiser.

Germ cell mutagenicity

Not considered to be a mutagenic hazard.

Carcinogenicity

Not considered to be a carcinogenic hazard.

Isopropyl alcohol is listed as a Group 3: Not classifiable as to its carcinogenicity to humans according to International Agency for Research on Cancer (IARC).

Reproductive Toxicity

Not considered to be toxic to reproduction.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Not expected to cause toxicity to a specific target organ.

Aspiration Hazard

Not expected to be an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No ecological data available for this material.

Persistence and degradability

Not available

Mobility

Not available

Bioaccumulative Potential

Not available

Other Adverse Effects

Not available

Environmental Protection

Do not discharge this material into waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Dispose of waste according to applicable local and national regulations.

14. TRANSPORT INFORMATION

Transport Information

Road and Rail Transport (ADG Code):

This material is classified as a Class 4.1 (Flammable Solid) Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Dangerous Goods are incompatible in a placard load with any of the following:

- Class 1: Explosives
- Division 2.1: Flammable Gases
- Division 4.2: Spontaneously combustible substances
- Division 5.1: Oxidising substances
- Division 5.2: Organic peroxides
- Class 7: Radioactive materials unless specifically exempted

Marine Transport (IMO/IMDG):

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No.: 3175

Proper Shipping Name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Contains: Isopropyl alcohol) Class: 4.1

Packaging Group: II EMS

No.: F-A, S-I

Special Provision: 216, 274

Air Transport (ICAO/IATA):

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No.: 3175

Proper Shipping Name: Solids containing flammable liquid, n.o.s. (Contains: Isopropyl alcohol) Class: 4.1

Packaging Group: II

Packaging Instructions (passenger & cargo): 445 Packaging

Instructions (cargo only): 448

Special Provision: A46

Label: Flammable solid

U.N. Number

3175

UN proper shipping name

SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.(Contains: Isopropyl alcohol)

Transport hazard class(es)

4.1

Packing Group

II

Hazchem Code

IZ

IERG Number

20

IMDG Marine pollutant

No

Transport in Bulk

Not available

Special Precautions for User

Not available

15. REGULATORY INFORMATION

Regulatory information

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule

Not Scheduled

16. OTHER INFORMATION

References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice. Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals. Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH). Globally Harmonised System of Classification and Labelling of Chemicals.

Code of Practice: Managing Noise and Preventing Hearing Loss at Work.

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. It is the user's responsibility to determine the safe conditions of use.