

Ethasan 70-30 Wipes

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND SUPPLIER

Product name: Ethasan 70-30 Wipes
Recommended Use: Evaporating sanitiser.

Supplier: Hygiene Technologies Ltd
Street: 28 Rangitane Rd
 Whakatu, Hastings 4172
 New Zealand

Telephone: + 64 6 876 4111 or 0800 732 525

Emergency: NZ Fire Service 111
Telephone: National Poisons Centre (24/7) - **0800 POISON** (0800 764 766)

2. HAZARDS IDENTIFICATION

This product is classified as a Dangerous Good according to NZS 5433:2020.
 Transport of Dangerous Goods on Land.

Hazardous Substances Classified as hazardous according to criteria in GHS 7 (Note: Classification applies to liquid applied to non-woven material).

GHS Eye Irritation – Category 2A.
 Flammable liquid – Category 2.

Signal Word **DANGER**

Pictograms Exclamation Mark.
 Flammable.



Group Standard 2020 HSR002530.

Hazard Statements
H319 Causes serious eye irritation.
H225 Highly flammable liquid and vapour.

Precautionary Statements
Prevention
P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical, ventilating, lighting and all other equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P264 Wash hands, face and all exposed skin thoroughly after handling.
P280 Wear eye/face protection.

Response	
P101	If medical advice is needed, have product container or label at hand.
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.
P303+P361+P353	IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.
Storage	
P403+P235	Store in a well-ventilated place. Keep cool.
Disposal	
P501	Dispose of contents and container in accordance with local, regional, national and international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Note: The following properties apply to the liquid component of this product.

Ingredient	CAS No.	PROPORTION
Ethanol	64-17-5	60 - 90 %
t-Butyl Alcohol	75-65-0	<1 %
Ingredients determined to be Non-Hazardous	-	Balance

4. FIRST AID MEASURES

For advice, contact National Poisons Information Centre (Phone 0800 764 766) or a doctor. If medical advice is needed, have product container or label at hand.

Swallowed	Not required under normal use.
Eye Contact	If in eyes, hold eyelids apart and flush the eyes continuously with running water. If irritation persists seek medical advice.
Skin Contact	Not required under normal use. If swelling, redness, blistering, or irritation occurs seek medical assistance.
Inhaled	Not required under normal use.
PPE for First Aiders	Wear gloves and safety glasses. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Wash contaminated clothing and other protective equipment before storing or re- using.
Notes to physician	Treat symptomatically.

Refer to National Poisons and Hazardous Chemicals Information Centre 0800 764 766.

5. FIRE FIGHTING MEASURES

Specific Hazard	Flammable liquid applied to non-woven material. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke.
Suitable Extinguishing Media	If material is involved in a fire, use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam or dry agent (carbon dioxide or dry chemical powder).

Date of Issue : 31/01/2025

Fire Fighting Further Advice

Heating can cause expansion or decomposition leading to violent rupture of containers. If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.

Hazchem code 1Z

6. ACCIDENTAL RELEASE MEASURES

Small Spills Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Collect and seal in properly labelled containers or drums for disposal.

Large Spills If safe to do so, shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Use a spark-free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

7. HANDLING AND STORAGE

Handling advice Avoid eye contact and repeated or prolonged skin contact.

Storage advice Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

This material is classified as a Class 4.1 Solids Containing Flammable Liquid as per the criteria of the "New Zealand NZS5433: Transport of Dangerous Goods on Land" and must be stored in accordance with the relevant regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Guidelines

National occupational exposure limits:	TWA		STEL		NOTICES
	ppm	mg/m3	ppm	mg/m3	
Ethanol (Ethyl alcohol)	1,000	1,880			
t-Butyl Alcohol	100	303	150	445	

As published by WorkSafe New Zealand.

WES-TWA (Workplace Exposure Standard - Time-weighted average). The average airborne concentration of a substance calculated over an eight-hour working day.

WES-Ceiling (Workplace Exposure Standard - Ceiling). A concentration that should not be exceeded at any time during any part of the working day.

WES-STEL

(Workplace Exposure Standard - Short-term exposure limit). The 15-minute time weighted average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Exposures at concentrations between the WES-TWA and the WES-STEL should be less than 15 minutes, should occur no more than four times per day, and there should be at least 60 minutes between successive exposures in this range.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Engineering Controls

Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator. Vapour heavier than air - prevent concentration in hollows or sumps. Do NOT enter confined spaces where vapour may have collected.

Personal Protective Equipment

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

When handling individual packs no personal protection equipment is required.

Consider wearing gloves and safety glasses if handling large quantities or very frequent use. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. When handling do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Note: The following properties apply to the liquid component of this product.

Appearance	Liquid
Odour	Alcoholic
Colour	Clear, colourless
Solubility	Soluble in water
Specific Gravity (20°C)	0.87 - 0.91
Relative Vapour Density (air=1)	>1
Flash Point (°C)	25 (Tag Open Cup)
pH	7 – 8
Freezing Point	N Av
Boiling Point	approx. 90°C
Vapour Pressure	5.95 kPa (Ethanol)
Viscosity	N Av

10. STABILITY AND REACTIVITY

Stability	This material is thermally stable when stored and used as directed.
Conditions to avoid	Elevated temperatures and sources of ignition.
Incompatible Materials	Strong oxidising agents.
Reactivity	No known hazardous reactions.
Hazardous Decomposition Products	Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Swallowed	No information available for the product
Eye Contact	May be an eye irritant.
Skin Contact	Prolonged and repeated contact with skin may result in irritation.
Inhaled	No information available for the product.
Long Term Effects	No information available for the product
Acute Toxicity	<p>Inhalation: This material has been classified as non-hazardous.</p> <p>Skin contact: This material has been classified as non-hazardous.</p> <p>Ingestion: This material has been classified as non-hazardous.</p> <p>Corrosion/Irritancy: Eye: this material has been classified as a 6.4A - Substances that are irritating to the eye. Skin: this material has been classified as not corrosive or irritating to skin.</p> <p>Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.</p> <p>Aspiration hazard: This material has been classified as non-hazardous.</p> <p>Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.</p>
Chronic Toxicity	<p>Mutagenicity: This material has been classified as non-hazardous.</p> <p>Carcinogenicity: This material has been classified as non-hazardous.</p> <p>Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.</p> <p>Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.</p>

12. ECOTOXICOLOGICAL INFORMATION

Aquatic Toxicity	This material has been classified as non-hazardous.
Chronic Toxicity	This material has been classified as non-hazardous.
Ecotoxicity	This material has been classified as non-hazardous.
Persistence / Degradability	No information available.
Bioaccumulation Potential	No information available.
Mobility	No information available

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.


If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

Transport of Dangerous Goods Pictograms:


Classified as Dangerous Goods by the criteria of the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

ROAD AND RAIL TRANSPORT

UN Number:	3175	
Dangerous Goods Class:	4.1	
Packing Group:	II	
Hazchem Code:	1Z	
Proper Shipping Name:	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ETHANOL)	
Segregation Dangerous Goods:	Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidising agents (Class 5.1), organic peroxides (Class 5.2), toxic substances (Class 6.1), infectious substances (Class 6.2) or radioactive substances (Class 7). Exemptions may apply.	

MARINE TRANSPORT

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

UN Number:	3175	
Dangerous Goods Class:	4.1	
Packing Group:	II	
Proper Shipping Name:	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ETHANOL)	
EmS Code:	F-A, S-I	

AIR TRANSPORT

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

UN Number:	3175	
Dangerous Goods Class:	4.1	
Packing Group:	II	
Proper Shipping Name:	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ETHANOL)	

15. REGULATORY INFORMATION

All components of this product are listed on or exempt from the New Zealand Inventory of Chemical (NZIoC).

Group Standard 2020 HSR002528 – Cleaning Products (Flammable) Group Standard.

For more information refer to the ERMA website: www.epa.govt.nz

16. OTHER INFORMATION

Revision	2
Revision Date	31 January 2025
Reason for Issue	5 Year Review

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond seller's control. The User is responsible to evaluate all available information when using the product for any particular use and to comply with all the current legislation.