

Section 1 – Identification of Chemical Product and Company

Code	Description	Size	Colour
46005	Mr Gorilla Extra Tough Wipes	50 pack	N/A

Recommended use:		Adhesive
Supplier contact details:	Holdfast NZ Ltd	Freephone: 0800 70 10 80
	14 Avalon Drive	Phone: (07) 847 5540
	Nawton	Fax: (07) 847 0324
	Hamilton 3200	Email: sales@holdfast.co.nz
	New Zealand	Website: www.holdfast.co.nz
POISON CENTRE NUMBER: 0800 764 766 (24 hours)		

Section 2 – Hazard Identification
Statement of Hazardous Nature

This product is classified as:

HAZARDOUS SUBSTANCE according to the criteria of HSNO.

NOT REGULATED under NZS5433:2007 Transport of Dangerous Goods on Land

Hazardous Substances and New Organisms (HSNO) classification:

Classification	Hazard statements
Skin Effects Cat 2	May cause skin irritation
Eye Effects Cat 2	May cause eye irritation
Skin Sensitisation	May cause an allergic skin reaction
Aquatic Toxicity Chronic Cat 3	Harmful to aquatic life with long lasting effects

HSNO Signal Word :

WARNING

Precautionary Statements:

Read label before use.

Keep out of reach of children.

Protective gloves/ protective clothing/ eye protection/ face protection and respiratory protection are advisable

Store locked up

Store in a well ventilated place. Keep cool

Avoid release to the environment

Section 3 - Composition/Information on Ingredients

Ingredient	CAS No.	Individual HSNO classification	Concentration (% by Wt.)
2-propanol	67-63-0	Flammable Liquid Category 2; Acute Toxicity (oral) Category 5; Skin Effects Category 2; Eye Effects Category 2	8 %
Ethanol	64-17-5	Flammable Liquid Category 2; Eye Effects Category 2	5 %

2-propanol, 1-propoxy-	1569-01-3	Flammable Liquid Category 3; Acute Toxicity (oral) Category 5; Acute Toxicity (dermal) Category 5; Skin Effects Category 2; Eye Effects Category 2	5 %
D-limonene	5989-27-5	Flammable Liquid Category 3; Acute Toxicity (oral) Category 5; Skin Effects Category 3; Eye Effects Category 2; Skin Sensitisation Category 1; Aquatic Toxicity (acute) Category 1; Aquatic Toxicity (Chronic) Category 1; Terrestrial Toxicity Category 2	2 %

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

Section 4 – First Aid Measures

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

Skin contact:

Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation

Eye contact:

Generally not applicable

Inhalation:

If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.

Ingestion:

Generally not applicable

General advice and advice for physicians:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 0800 764766 from anywhere in New Zealand (13 1126 in Australia) and is available at all times. Have this SDS or product label with you when you call.

Treat symptomatically.

Section 5 - Fire-Fighting Measures

Fire/ Explosion Hazard

May form flammable/ explosive vapour-air mixtures in use

Extinguishing media:

Foam, Carbon Dioxide, Dry Powder

Advice for fire-fighters:

When fighting fires involving significant quantities of this product, fire-fighters must a gas tight chemical resistant suit, and limit exposure duration to 1BA set 30 minutes. Cool closed containers with water if they are exposed to the fire. Take account of environmentally hazardous fire-fighting water.

Section 6 - Accidental Release Measures

Personal precautions:

Clear are of personnel and move upwind, avoid breathing vapour
Remove all ignition sources

Environmental precautions:

Use appropriate containment to avoid environmental contamination.

Methods for cleaning up:

Carefully collect the spill/leftovers
Clean contaminated surfaces with an excess of water
Take collected spill to manufacturer/competent authority
Wash clothing and equipment after handling

Disposal:

Collect treated spillage. Contact local and regional authorities for further directions.

Section 7 - Handling and Storage
Handling:

Observe normal hygiene standards. Remove contaminated clothing immediately and wash before re-use. Use only in well ventilated areas.

Storage:

Store in original containers. Make sure that containers of this product are kept tightly closed. Keep containers of this product in a well ventilated area. Keep away from ignition sources

Section 8 - Exposure Controls/Personal Protection
Exposure limits:

CAS no.	Substance or ingredient	WES-TWA	WES-STEL
67-63-0	Isopropanol	983 mg/m ³ (400 ppm)	1230 mg/m ³ (500 ppm)
64-17-5	Ethanol	1880 mg/m ³ (1000 ppm)	

The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.






Engineering Controls:

Use spark/explosion proof appliances and lighting system. Keep away from naked flames and heat. Keep away from ignition sources and sparks. Measure concentration of the product in the air regularly.

This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels. If necessary, use a fan.

Eyewash unit

Exposure controls:

Control	Protective measure
Eye	Wear safety glasses with side shields or goggles when handling this material. [AS 2919] 
Respiratory	Type A filter of sufficient capacity 
Skin	Nitril+PVC. Avoid skin contact. If skin contact or contamination of clothing is likely, protective clothing should be worn. [AS 2161] Wear protective clothing.   

Section 9 - Physical and Chemical Properties
General substance properties:

Property	Details
Appearance	White non-woven wipes
Odour	Lemon/ alcohol
pH	6.5
Vapour pressure	No data
Vapour Density	> 1 heavier than air
Viscosity	Not applicable
Boiling Point	> 82 °C

Volatile materials	No data
Water solubility	miscible
Freezing/melting point	No data.
Specific gravity/density	0.95 g/ml
Flash point	No data
Auto-ignition temperature	No data
Upper and lower flammability limits	Lower % Upper %
Corrosiveness	No data.

Section 10 - Stability and Reactivity

Stability:

Stable under normal conditions.

Conditions to avoid:

Ignition sources

Incompatible materials to avoid:

Avoid oxidising agents (nitrates, oxidising acids, chlorine bleaches, pool chlorine etc) as ignition may result

Hazardous decomposition products:

Combustion will result in the release of carbon monoxide and carbon dioxide.

Section 11 - Toxicological Information

Summary of Toxicity

Acute toxicity:

Test	Data and symptoms of exposure
Oral	Overexposure to non-ring alcohols causes nervous system symptoms
Dermal	This material can cause inflammation of the skin on contact in some persons
Inhaled	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models).
Eye	Although the material is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).

Chronic toxicity:

Test	Data and symptoms of exposure
Sensitisation	Final product is considered a skin sensitiser.; Contains ingredients that are considered as a skin sensitisers
Mutagenicity	Final product is not considered a mutagen.
Carcinogenicity	Final product is not considered carcinogenic.
Reproductive/developmental	Final product is not considered a reproductive/developmental toxicant
STOT	Limited evidence suggests that repeated or long term occupational exposure may product cumulative health effects involving organs or biochemical systems

Section 12 - Ecological Information
Ecological properties

Ecology	Ecological data
Aquatic toxicity acute	No data
Aquatic toxicity chronic	Harmful
Terrestrial vertebrate	No data
Terrestrial invertebrate	No data.
Bioaccumulation	No data;
Mobility	No data
Degradability	No data.

Section 13 - Disposal Considerations
Disposal methods:

This product may be disposed of in a landfill provided this product will be kept separated from contact with explosives, oxidisers and ignition sources at all times. This product may be disposed of by burning in an incineration facility. This product may be disposed of by purging. Further details can be provided by local and regional authorities.

Disposal restrictions:

The product must not be disposed of in a landfill or purged within range of legally located persons and places, where upon ignition, would expose them to more blast pressure and heat radiation that described in regulation 6(3)(b) of the Hazardous Substances (Disposal) Regulations 2001. Burning must be managed to the performance requirements of regulation 6(3)(b) of the Hazardous Substances (Disposal) Regulations 2001. Disposal of this product by landfill, burning or purging must not exceed any relevant exposure limits and/or environmental exposure limits set for the substance or any of its components. Further details can be provided by local and regional authorities.

Special precautions for disposal:

No data.

Section 14 - Transport Information

NOT REGULATED

Section 15 - Regulatory Information
HSNO approval number and Group Standard:

HSR002530 Cleaning products (Subsidiary Hazard)

Group Standard conditions and other regulations:

Condition	Requirement
SDS	Safety data sheet must be available to a person handling the substance within 10 minutes.
Emergency plan	Required when present in quantities 10,000 L.
Approved handler	Not required
Tracking	Not applicable
Bunding and secondary containment	Not applicable

Signage	Required when present in quantity 10,000 L.
Test certificate	Not required
Hazardous Atmosphere zone	Not required
Fire extinguisher	Not required

Isopropanol (CAS 67-63-0) is found on the following regulatory lists

- New Zealand Inventory of Chemicals (NZIoC)
- International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs"
- New Zealand Workplace Exposure Standards (WES)
- New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals"

Ethanol (CAS 64-17-5) is found on the following regulatory lists

- New Zealand Inventory of Chemicals (NZIoC)
- New Zealand Workplace Exposure Standards (WES)
- New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals"

2-propranol, 1-propoxy- (CAS 1569-01-3) is found on the following regulatory lists

- New Zealand Inventory of Chemicals (NZIoC)
- New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals"

D-limonene (CAS 5989-27-5) is found on the following regulatory lists

- New Zealand Inventory of Chemicals (NZIoC)
- International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs
- New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals"

Section 16 – Other Information

Date of first preparation

April 2015

Date of this revision

April 2015

Abbreviations:

Abbreviation	Description
CAS number	Number assigned to chemical in the Chemical Abstracts Service registry
HAZCHEM code	Code used by fire-fighters to determine correct method of action in the case of fire
HSNO	Hazardous Substances and New Organisms (Act)
ICAO Technical Instructions	International Civil Aviation Organization Technical Instructions
IMDG code	International Maritime Dangerous Goods code controlled by the International Maritime Organization (IMO)
LC ₅₀	Lethal concentration 50% - concentration fatal to 50% of the tested population
LD ₅₀	Lethal dose 50% - dose fatal to 50% of the tested population
NZS 5433	New Zealand Standard 5433 (Standard for the Transport of Dangerous Goods on Land)
SDS	Safety data sheet
STEL	Short term exposure limit
TWA	Time weighted average (typically measured as 8 hours)

UN number	United nations number
WES	Workplace exposure standard

References

Chemical properties and HSNO classifications derived from the New Zealand chemical classification information database (CCID).www.epa.govt.nz.
Workplace exposure limits derived from Workplace Exposure Standards and Biological Exposure Indices 7th Edition. www.mbie.govt.nz.

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material in combination with any other material or in any process, unless specified in the text.

This SDS was prepared by Collievale Enterprises in accord with the EPA "Code of Practice for the Preparation of Safety Data Sheets" [HSNOCOP 8-1 (2006)]
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End of MSDS