

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION:

SANI-HANDS

A waterless antimicrobial hand cleaner and sanitiser.
MPI Approved C54 (all animal product except dairy)

FRESH AND CLEAN

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2. HAZARD IDENTIFICATION:

This material is hazardous according to the criteria of the Health & Safety at work (Hazardous substances) Regulations 2017.
This material is hazardous according to the EPA Minimum Degrees of Hazard and Classification Notices 2017.
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HSR No:

3.1B Highly flammable liquid and vapour.
6.4A Causes eye irritation.
9.1D May be harmful to aquatic life.

Cosmetic Product Group Standard. HSR No. 2552.

3. COMPOSITION & INFORMATION ON INGREDIENTS:

Ethanol (100%)	85.7 % v/v
Thickener	< 2 % w/v
Emollients	< 2 % w/v
Colouring	< 2 % w/v
Triclosan (CAS 3380-34-5)	< 2 % w/v
Water	10 – 20 % w/v

4. FIRST AID MEASURES:

Contact with eyes: Immediately rinse eyes with running water for 5 minutes. If irritation persists seek medical advice.
Contact with skin: Remove contaminated clothing and wash affected area with copious volumes of water.
After inhalation: If subject to vapourisation remove patient from exposure and if discomfort persists seek medical advice.
After ingestion: Do Not Induce Vomiting. Administer 2 glasses of water and if discomfort persists seek medical advice.
Advice to Doctor: The product is not toxic. Treat symptomatically.

5. FIRE FIGHTING MEASURES:

This product will form flammable mixtures with air when vapourised. Isolate, or avoid, ignition sources (electrical and fire).
Containers subject to heat from a fire may explode scattering burning contents. Where possible remove containers from the path of the fire.
Otherwise cool with water spray to avoid heating.
Firefighters wear SCBA and chemical resistant suits.
Foam, CO₂, or chemical dry powder to extinguish a local fire. Water spray on large fires only. No water jets.

6. ACCIDENTAL RELEASE MEASURES:

Spills on floors will produce a slippery surface. Shut off, or isolate, all possible sources of ignition.
Do not allow any spills, original or diluted, to enter wastewater drains. If material does enter, alert the local drainage authorities.
Contain minor (less than 100 litres) from local drainage with any suitable bund or barrier. Where possible dilute with water (water soluble products only) and contain the resulting solution. Then clean up with mops or any suitable absorbent inert material such as Mineral Sponge, paper, rags, sand, or soil. Pack absorbed waste material into drums, which can be closed, for waste disposal.
Large spills from drums should be contained from drains and diluted with water where possible. Alert the local Fire Brigade. Collect absorbed material in open-top drums which can be closed and sent to landfill.

7. HANDLING AND STORAGE:

Store drums and carboys with secure closures, in sites where they can be kept cool and away from heat and ignition sources.
Storage in HSNO defined Hazardous Substance Locations and Transit Depots is required for Class 3.1B products where greater than 100 litres is stored in 20 litre carboys and 200 litre drums, and greater than 250 litres is stored in 5 litre jerries.

Handle to prevent damage to containers. Should packaging be damaged, repack into clean and dry containers of the same type and mark the product name carefully on the container.
Always replace lids and caps after using the product. Return all packages to safe storage as soon as possible after use.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION:

Exposure controls: No data is available for the product. WES for ethanol TWA 1 ml/cu m.
Eye protection: Safety glasses.
Protective clothing: Chemically impregnable gloves, protective work clothes (an apron, coat, or overalls).
Respiratory protection: Not required for the regular use of this product.
Ventilation: Ensure adequate ventilation is provided in the work space.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance	Transparent blue coloured liquid
Odour	Not perfumed. Characteristic of ethanol
pH	20 % solution 7.0
Flash Point	20° C
Ignition Point	> 360° C
Specific Gravity	0.86
Refractive Index	21½ Bx
Viscosity	1600 mPas at 20° C
Foam	None
Solubility in water	Completely in all proportions

10. STABILITY AND REACTIVITY:

The product is considered stable in normal use.
Avoid contamination with oxidising substances.
Hazardous polymerisation will not occur.
Combustion will release oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION:

No data is available for the product.
Ethanol: Oral LD50 Rat 7060 mg/kg.

12. ECOLOGICAL INFORMATION:

No data is available for the product.
Ethanol: LC50 rainbow trout 11,200 mg/l 24 hr.
Ethanol is non-bioaccumulative and classed Readily Biodegradable according to the European Union Detergents Regulations #648/2004.

13. DISPOSAL CONSIDERATIONS:

Dispose of in accordance with local regulations by recognised waste disposal experts. Incineration is the preferred method.
Spilled liquids must be absorbed by neutral materials such as Mineral Sponge, paper, rags, sand, or soil and packed in containers which can be sealed and sent to land fill or incineration.
Large spills will require suctioning into suitable tanks, and if not recoverable, disposed of through recognised waste disposal experts.
Used containers should be rinsed, not recycled, but disposed of in landfill or incinerated.

14. TRANSPORT INFORMATION:

NZ Land Transport Rule: Dangerous Goods Rule 2005	Classified as Dangerous Goods for Land Transport in New Zealand.
UN Number:	1170
Dangerous Goods Class:	3.1
Proper Shipping Name:	Ethanol and ethanol solutions
Hazchem Group:	2Y
Packing Group:	II

15. NZ REGULATORY INFORMATION:

This material is hazardous according to the criteria of the Health & Safety at work (Hazardous substances) Regulations 2017.
HSR No:
Cosmetic Products Group Standard HSR No: 2552.
HSNO Act Controls Regulations 2001 for the product:
Label or mark containers used to hold this product Keep unused product in secure containers to prevent mistaken use

16. HSR NO: :

Formulation reference and version number: Lab M1-044
This SDS was prepared from data available on 05 July 2018
This SDS was printed on 5 July 2018.
This SDS will be reviewed no later than 31 August 2021

END OF THIS SAFETY DATA SHEET

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