

SAFETY DATA SHEET

PRODUCT AND COMPANY IDENTIFICATION:

Pacific OCEAN RAIN SANITISER

A waterless antimicrobial hand cleaner and sanitiser.

PACIFIC HYGIENE LIMITED

51 Arrenway Drive
Albany
Auckland
New Zealand.

PO Box 305 503, Triton Plaza, North Shore 0757, New Zealand

Phone: 09 477 5700

Fax: 09 476 3602

E-Mail: info.nz@pacifichygiene.com

Web site: <http://www.pacifichygiene.com>

EMERGENCY CONTACT: 09 477 5700 Phone 8 am to 5 pm Mon to Fri.

After Hours: National Poisons & Hazardous Chemical Information Centre: 0800-764-766 (0800-POISON)

HAZARD IDENTIFICATION:

Hazardous Substances (HSNO) Act 1996 and Classification Regulations 2001 for the product of this concentration:

3.1B Highly flammable liquid and vapour. 6.4A Causes eye irritation.

Cosmetic Product Group Standard. HSR No. 002552.

COMPOSITION & INFORMATION ON INGREDIENTS:

	% w/w
Ethanol 100%	71.3

Ethanol (CAS# 64-17-5)
Water (CAS# 7732-18-5)
Glycerine (CAS# 56-81-5)
Carbomer (CAS# Not Assigned)
Aminomethyl Propanol (CAS# 124-68-5)

FIRST AID MEASURES:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

IF ON SKIN OR HAIR: Splashes of significant quantities of this product on the skin or hair may be flammable, so immediately remove all contaminated clothing and rinse splashes from skin or hair with water. Note: This first aid instruction does not apply to the proper use of this sanitiser, when applied according to directions.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

MEDICAL ASSISTANCE: If discomfort persists call your nearest Medical Centre or the NZ National Poisons Centre 0800-764-766 for advice. Have this label or Safety Data Sheet on hand.

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.

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 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.

HANDLING AND STORAGE:

Precautions for Safe Handling:

Read label before use. Keep away from sparks, open flames and hot surfaces. No smoking. Keep container tightly closed.

Ground/bond container and receiving equipment. Use explosion-proof electrical equipment where appropriate. Use only non-sparking tools.

Take precautionary measures against static discharge. Wear eye protection when refilling dispensers.

Precautions for Safe 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.

EXPOSURE CONTROLS & PERSONAL PROTECTION:

Exposure controls: No data is available for the product. WES for ethanol TWA 1 ml/cu m.
 Eye protection: Wear safety glasses when decanting large quantities.
 Protective clothing: Normal use does not require any special clothing protection.
 Respiratory protection: No special requirement.
 Ventilation: No special requirement.

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance	Transparent clear non-coloured liquid
Odour	Not perfumed. Characteristic of ethanol
pH	20 % solution 6 to 8
Flash Point	20° C
Ignition Point	> 360° C
Specific Gravity	0.87
Refractive Index	21 Bx
Viscosity	2300 mPas at 20° C
Foam	None
Solubility in water	Completely in all proportions

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.

TOXICOLOGICAL INFORMATION:

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

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.

DISPOSAL CONSIDERATIONS:

The product, suitably diluted, may be disposed of through town wastewater systems where these are authorised for industrial use. Otherwise dispose of in accordance with local regulations by recognised waste disposal experts. Landfill is the preferred method. Wash empty plastic containers before recycling.

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
Proper Shipping Name:	Ethanol Solution
Hazchem Group:	2YE
Packing Group:	II

NZ REGULATORY INFORMATION:

Hazardous Substances (HSNO) Act 1996 and Classification Regulations 2001 for the product of this concentration:
 Cosmetic Products Group Standard HSR No: 2552.
 HSNO Act Controls Regulations 2001 for The product:
 Label or mark containers used to hold this product Do not expose product to any form of ignition source

OTHER INFORMATION:

Formulation reference and version number: Lab S7-033 Ver1
 This SDS was prepared from data available on 24 February 2015
 This SDS was printed on 24 February 2015.
 This SDS will be reviewed no later than 24 February 2020

END OF THIS SAFETY DATA SHEET