

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION:

Pacific OCEAN Rain Sanitiser

A waterless antimicrobial hand cleaner and sanitiser.

PACIFIC HYGIENE LIMITED

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8 am to 5 pm Mon to Fri

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

2. HAZARD IDENTIFICATION:

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

Approved under Cosmetic Products Group Standard HSR No: 002552

Signal Word: DANGER

HSNO Hazard Classification & Hazard Statements	
3.1B Highly Flammable liquid and vapour	6.4A Causes eye irritation

Precautionary Statements
Read label before use. Keep away from sparks, open flames and hot surfaces. No smoking.
Keep container tightly closed. Ground/ bound container and receiving equipment. Use explosion- proof electrical equipment where appropriate.
Use only non- sparking tools. Take precautionary measures against static discharge.
Avoid releases to the environment. Wear eye protection when refilling dispensers.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

Ethanol 100 % (CAS NO # 64-17-5)	60 – 70 %
Thickener	2 – 10 %
Other non hazardous ingredient	< 2 %
Water	> 20 %

4. 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.

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: Do NOT induce vomiting. Administer 2 glasses of water and if discomfort persists seek medical service.

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.

5. FIRE FIGHTING MEASURES:

This product will form flammable mixtures with air when vapourised, Isolate or avoid ignition sources (electrical and fire).

Containers subject o 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 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. Clean up with mops or any suitable absorbant inert material such as Mineral Sponge, paper, rags, sand or soil. Pack absorbed water 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:**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.

Small pack product **OR-SN1000 and OR-SN400** should be stored in a cool dark place out of direct sunlight under these ideal storage conditions 12 months plus shelf life can be expected.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION:

Exposure controls: No data is available for the formulated product. Ethanol: WES TWA 1000 ppm.
 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.

9. 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 Degrees
Ignition Point	> 360 Degrees
Specific Gravity	0.87
Refractive Index	21 % Bx
Viscosity	2300 mPa.s at 20 Degrees
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:

Symptoms or effects that may arise if the product is mishandled and over exposure occurs are:

Ingestion: Large amounts may cause some central nervous system effects. Possible symptoms include excitation, euphoria, headache, dizziness, drowsiness, blurred vision, loss of consciousness. Other effects may include nausea and vomiting.

Eye contact: Irritates the eyes.

Inhalation: May irritate the respiratory tract. May result in nausea, headache and vomiting.

12. ECOLOGICAL INFORMATION:

Avoid release to environment.

13. DISPOSAL CONSIDERATIONS:

Dispose of in accordance with local regulations by recognised waste disposal experts. Incineration is the preferred method. Wash empty plastic containers before recycling.

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
Proper Shipping Name:	Ethanol Solution (Ethyl Alcohol Solution)
Hazchem Group:	2YE
Packing Group:	II

15. NZ REGULATORY INFORMATION:

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

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16. OTHER INFORMATION:

Formulation reference and version number: Lab S7-025
This SDS was prepared from data available on 24 March 2016
This SDS was printed on 24 January 2017.
This SDS will be reviewed no later than 26 March 2021

END OF THIS SAFETY DATA SHEET