



MATERIAL SAFETY DATA SHEET

Instant Hand Sanitising Gel

SECTION 1: IDENTIFICATION

PRODUCT NAME Instant Hand Sanitising Gel

Product Code 24x70mL carton: 635090200

12x500mL carton: 635090300

6x1L carton: 635099300

1L cartridge: 635099200

Recommended Use Antibacterial skin sanitiser, removes germs without water, no need to rinse.

SUPPLIER

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SECTION 2: HAZARDS IDENTIFICATION

HAZARDOUS

According to criteria of:
National Occupational Health & Safety Commission NOHSC

HAZARDS CLASSIFICATION: IRRITANT

DANGEROUS GOODS



According to criteria of:
Australian Dangerous Code for Transport by Road & Rail

DANGEROUS GOODS CLASSIFICATION: FLAMMABLE LIQUID

CLASSIFIED AS A POISON: S5

According to criteria of:
Standard for the Uniform Scheduling of Drugs and Poisons

RISK PHRASES

- R11 HIGHLY FLAMMABLE.
R36 IRRITATING TO EYES.

SAFETY PHRASES

- S2 KEEP OUT OF REACH OF CHILDREN
S7 KEEP AWAY FROM SOURCES OF IGNITION
S25 AVOID CONTACT WITH EYES
S26 AFTER CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE
S64 IF SWALLOWED, RINSE MOUTH WITH WATER (ONLY IF PERSON IS CONSCIOUS)

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS No.	Proportion (%)
Other Non Hazardous Ingredients		To 100%

SECTION 4: FIRST AID MEASURES

Swallowed

Do NOT induce vomiting. Wash out mouth with water. For advice, contact a Poisons Information Centre (phone Australia 131 126; New Zealand 0800 764 766) or a doctor. If vomiting occurs seek medical attention due to risk of breathing product into the lungs.

Eye

Wash out immediately with water. If pain or irritation persists or recurs seek medical attention.

Skin

First aid usually not required. If pain or irritation develops and persists seek medical attention.

Inhaled

Not considered a probable path of exposure.

If breathing is affected remove victim from contaminated area.

FIRST AID FACILITIES

The washing/rinsing actions described above will be adequately met by normal washroom facilities or equivalent. The degree of risk presented by this product is sufficiently low that eyewash stations and safety showers are not usually required.

ADVICE TO DOCTOR

Treat symptomatically. Vomiting not induced because of risk of aspiration of product into lungs.

NOTE: For advice in an emergency, contact the Poisons Information Centre in Australia 13-11-26 or New Zealand 0800-764-766

ADDITIONAL INFORMATION

AGGRAVATED MEDICAL CONDITIONS CAUSED BY EXPOSURE

No information is available on medical conditions which are aggravated from exposure to this product.

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

In case of fire, appropriate extinguishing media include Dry Chemical, Alcohol Stable Foam, Carbon Dioxide and Water Fog. Use Water to keep fire-exposed containers cool and to protect personnel

HAZARDS FROM COMBUSTION PRODUCTS

The product is Flammable under normal conditions. When involved in a fire, this product may generate Carbon Dioxide and Carbon Monoxide. Stable under ordinary conditions of use and storage. Incompatible with Oxidizing Agents and Acids.

SPECIAL PROTECTIVE PRECAUTIONS AND EQUIPMENT FOR FIRE FIGHTERS

No specific data is available.

FLAMMABILITY CONDITIONS

Highly flammable liquid. May form flammable mixtures with air.

HAZCHEM CODE

2[Y].

SECTION 6: ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES

Persons involved in a major spill clean up should wear appropriate personal protective equipment. Isolate hazard area and stop leaks if safe to do so. Avoid walking through spilled product, as it may be slippery. Keep unnecessary and unprotected personnel from entering the area. DO NOT allow product to enter drains or waterways.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Collect liquid in an appropriate container or absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as sawdust or cellulose. Do not flush to sewer.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Ensure an eye bath and safety shower is available and ready for use. Observe good personal hygiene practices and recommended procedures. Avoid prolonged contact with skin. Avoid contact with eyes.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBLES

Protect against physical damage. Store in a cool, dry well-ventilated area. Separate from oxidizing materials and acids.

CONTAINER TYPE

Store in original containers.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

NATIONAL EXPOSURE STANDARDS

	<u>Ethanol</u>
TWA (mg/m ³)	1880 mg/m ³
TWA (ppm)	1000 ppm

BIOLOGICAL LIMIT VALUES

No information available.

ENGINEERING CONTROLS

Natural ventilations should be adequate under normal conditions of use.

PERSONAL PROTECTION

Respiratory Protection

Not considered necessary under normal conditions of use.

Skin Protection

Not considered necessary under normal conditions of use.

For cleanup of spills wear PVC or rubber gloves on hands and suitable impervious protective clothing. Safety boots with non-slip soles should be worn. Refer to Australian Standard AS/NZS 2161.1.

Eye Protection

Not considered necessary under normal conditions of use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	A clear gel liquid
Odour	Vanilla
Boiling Point (°C)	Ethanol: 78°C
Solubility in water	Miscible
Specific Gravity	0.88 – 0.89
pH (as is)	No data available
pH (1% Aqueous Solution)	No data available
Viscosity (@ 20°C)	No data available
Flash Point (°C)	No data available
Lower Explosive Limit %	Ethanol: 3.5
Upper explosive limit %	Ethanol: 19
Volatile Organic Compounds (VOC) content	66%
Evaporation Rate	No data available
Percent Volatile	No data available

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY

Product is considered stable under normal conditions of storage, handling and use.

CONDITIONS TO AVOID

Sources of ignition – product is flammable.

INCOMPATIBLE MATERIALS

No information available for this product.

HAZARDOUS DECOMPOSITION PRODUCTS

No information available for this product.

HAZARDOUS REACTIONS

No information available for this product.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICITY DATA

Ethanol

LD₅₀ oral (rat): 7060g

LC₅₀ inhalation (rat): 38mg/L/10hrs

HEALTH EFFECTS – ACUTE

Swallowed

This product is not harmful by ingestion when assessed against criteria of Worksafe Australia.

This product may still produce harmful central nervous system effects. Effects may include excitation, euphoria, headache, dizziness, blurred vision, fatigue, tremors, convulsions, loss of consciousness, coma, respiratory arrest and death. Severe acute intoxication may cause hypoglycaemia, hypothermia and extensor rigidity. Other effects may include decreased blood pressure, vomiting blood and blood changes. Aspiration into the lungs may cause pneumonitis.

Eye

This product is an eye irritant when assessed against criteria of Worksafe Australia.

Direct eye contact may produce immediate discomfort for the individual, with consequent reflex closure of the lid and tearing. Foreign body type discomfort may persist for a short time. Damage to the eyes may occur.

Skin

This product is not a skin irritant when assessed against criteria of Worksafe Australia.

Direct skin contact may produce skin reactions due to the removal of natural oils from the skin. The skin may appear red and may become sore, exhibiting cracking, scaling and blistering.

Repeated skin contact may produce sensitisation dermatitis in predisposed individuals.

Inhaled

Vapour may be irritating to respiratory tract and mucus membranes.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY

No data is available for this product.

PERSISTENCE AND DEGRADABILITY

No information is available on the persistence and degradability of this product.

MOBILITY

DO NOT allow product to enter Waterways, Drains and Sewers.

ENVIRONMENTAL FATE (EXPOSURE)

No information is available for this product.

BIOACCUMULATION POTENTIAL

No information is available on the Bioaccumulation Potential of this product.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS AND CONTAINERS

Dispose of in accordance with all local, state and federal regulations. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options.

SPECIAL PRECAUTIONS FOR LANDFILL AND INCINERATION

No information available.

SECTION 14: TRANSPORT INFORMATION

UN No.: 1170
Shipping Name: Ethanol Solution (Ethyl Alcohol Solution)

**DANGEROUS GOODS
CLASS:**



Subsidiary Risk: No subsidiary risk allocated.
Packaging Group: III
HAZCHEM Code: 2[Y]
Precautions For User: Not Regulated

SECTION 15: REGULATORY INFORMATION

Poisons Schedule: S5
EPG: Not Regulated
AICS Name: Not Regulated
NZ Toxic Substance: No Data

SECTION 16: OTHER INFORMATION

LEGEND TO ABBREVIATIONS AND ACRONYMS

<	Less than
>	Greater than
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service (Registry Number)
LC ₅₀	LC stands for "Lethal Concentration". LC ₅₀ is the concentration of a material in air, which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.
LD ₅₀	LD stands for "Lethal Dose". LD ₅₀ is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.
NIOSH	National Institute for Occupational Safety and Health
NOHSC	National Occupational Health and Safety Commission
OECD	Organization for Economic Co-operation and Development
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average
UN No.	United Nations (number)
Immiscible	Liquids are insoluble in each other.
Miscible	Liquids form one homogeneous liquid phase regardless of the amount of either component present.
mm	Millimetre
ppb	Parts per billion
ppm	Parts per million

LITERATURE REFERENCES and SOURCES of DATA

List of Designated Hazardous Substances [NOHSC (National Occupational Health & Safety Commission)]

Approved Criteria for Classifying Hazardous Substances [NOHSC (National Occupational Health & Safety Commission)]

National Code of Practice for the Control of Workplace Hazardous Substances [NOHSC: 2007 (1994)]

National Standards for the Storage and Handling of Workplace Dangerous Goods [NOHSC: 1015 (2001)]

Exposure Standards Database [NOHSC (National Occupational Health & Safety Commission)]

Australian Dangerous Goods Code for Transport of Road & Rail [ADG Code: Sixth Addition Vol 1 & Vol 2]

Standards for the Uniform Scheduling of Drugs & Poisons [National Drugs and Poisons Committee Publication 23rd Addition June 2008]

AUSTRALIAN / NZ STANDARDS

AS3780: The Storage & Handling of Corrosive Substances

AS/NZS 3833: The Storage & Handling of Mixed Classes of Dangerous Goods in Packages & Intermediate Bulk Containers

END OF MSDS

Last Updated: December 2012

Revised By: Pelikan Artline Pty Ltd



This MSDS summarises Pelikan Artline Pty Ltd best knowledge of the health and safety hazard information of the selected substance and how to safely handle the selected substance in the workplace however Pelikan Artline Pty Ltd expressly disclaims that the MSDS is a representation or guarantee of the chemical specifications for the substance. Each user should read the MSDS and consider the information in the context of how the selected substance will be handled and used in the workplace including its use in conjunction with other substances.

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