

SECTION 1 - IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Identifier

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| Product Name | Sani Spray, Hand Sanitiser Liquid |
| Synonyms | Not applicable |
| Other means of identification | Product Code: 2016813 |

Recommended use of the chemical and restrictions on use

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| Recommended use | sanitiser liquid |
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Details of supplier

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| Company Name | Gma Supplies Pty Ltd |
| Address | 16/14 Sheridan Close Milperra NSW 221 |
| Telephone | 04 3333 5555 |
| Website | info@gmasupplies.co |

Emergency phone number

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|-----------------------------------|--|
| Organisation | Gma Supplies Pty Ltd |
| Emergency telephone | 04 3333 5555 |
| Poisons Information Centre | 13 11 26 (Australia) 0800 764 766 (New Zealand) |

SECTION 2 – HAZARD IDENTIFICATION

Classification of the substance or mixture

HAZARDOUS CHEMICAL. DANGEROUS GOODS.

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| SIGNAL WORD | DANGER. |
| Classification | Flammable Liquid – Category 3, Dangerous Goods Class 3 Eye Irritation – Category 2A <i>According to the WHS Regulations and the ADG Code.</i> |
| Poisons Schedule | Considered not to require control by scheduling due to low toxicity. |

GHS Label Elements



Hazard Statement(s)

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| H226 | Flammable liquid and vapour |
| H319 | Causes serious eye irritation. |

Precautionary Statement(s) - Prevention

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| P102 | Keep out of reach of children. |
| P103 | Read label before use. |
| P210 | Keep away from heat/sparks/open flames/hot surfaces. No Smoking. |
| P233 | Keep container tightly closed. |
| P240 | Ground/bond container and receiving equipment. |
| P241 | Use only non-sparking tools. |
| P243 | Take precautionary measures against static discharge. |
| P280 | Wear protective clothing, gloves, eye/face protection and suitable respirator. |

Precautionary Statement(s) - Response

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| P101 | If medical advice is needed, have product container or label at hand. |
| P303 + P361 + P353 | IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water / shower. |
| P370 + P378 | In case of fire: Use water fog alcohol resistant foam or dry agents for extinction |

Precautionary Statement(s) - Storage

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| P403 + P235 | Store in a well-ventilated place. Keep cool. |
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Precautionary Statement(s) - Disposal

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| P501 | Dispose of contents/ container in accordance with local, regional, national and , international regulations. |
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SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Substances

See section below for composition of mixtures.

Mixtures

| CAS No. | (%) [Weight] | Name |
|---------|--------------|---|
| 64-17-5 | >60 | Ethyl alcohol (Ethanol) |
| | Balance | Ingredients determined not to be hazardous, including water |

SECTION 4 – FIRST AID MEASURES

Description of first aid measures

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| Eye Contact | <p>If this product comes in contact with the eyes:</p> <ul style="list-style-type: none"> – Wash out immediately with fresh running water for at least 15 minutes. – Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. – Seek medical attention without delay; if pain persists or recurs seek medical attention. |
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| | <ul style="list-style-type: none"> – Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. |
| Skin Contact | <ul style="list-style-type: none"> – In the event of irritation or rash flush affected area with water. – Remove all heavily contaminated clothing immediately. – If irritation persists, seek medical advice / attention. |
| Inhalation | <p>If respiratory irritation occurs:</p> <ul style="list-style-type: none"> – Remove from area where the product is being used. – Treat symptomatically. If symptoms develop, seek medical advice. |
| Ingestion | <ul style="list-style-type: none"> – If swallowed do NOT induce vomiting without medical advice. – Rinse mouth immediately and repeatedly with water, then swallow water slowly as much as can comfortably drink. – If vomiting occurs, lean forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. – Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. – Treat symptomatically. Seek medical advice from Poisons Information Centre or a Doctor if symptoms develop. |

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing media

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| Fire Extinguishing Equipment | <ul style="list-style-type: none"> – Alcohol resistant foam. – Dry chemical powder. – Carbon dioxide. – Water spray or fog - Large fires only. |
| Unsuitable Fire Extinguisher Equipment | <ul style="list-style-type: none"> – High volume water jet |

Specific hazards arising from the chemical substrate or mixture

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| Fire Incompatibility | Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result. |
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Advice for firefighters

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| Fire Fighting | <ul style="list-style-type: none"> – Alert Fire Brigade of the location and nature of hazard. – May be violently or explosively reactive. – Wear breathing apparatus plus protective gloves in the event of a fire. – Prevent, by any means available, spillage from entering drains or water course. – Consider evacuation (or protect in place). – Fight fire from a safe distance, with adequate cover. – If safe, switch off electrical equipment until vapour fire hazard removed. – Use water delivered as a fine spray to control the fire and cool adjacent area. – Avoid spraying water onto liquid pools. – Do not approach containers suspected to be hot. |
| Fire/Explosion Hazard | Flammable liquid |
| HAZCHEM | .2Y |

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- See the 'Methods and materials for containment and cleaning up' section below; and
- Section 8 for further Personal Protective Equipment advice.

Environmental Precautions

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| Environmental precautions | <ul style="list-style-type: none"> – Avoid contact with surface water as a precaution. – See Section 12. |
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Methods and materials for containment and cleaning up

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| Minor Spills | <ul style="list-style-type: none"> – Remove all ignition sources - No smoking, naked lights or other ignition sources. – Clean up all spills immediately. – Contain, absorb and wipe up small quantities with sand, dirt, vermiculite, inert absorbent material or other suitable absorbent material. – Cover wastewater drains – Collect residues in a suitably labelled flammable waste container. – See sections 13 and 16 for information on the releases and disposal of this material, as well as those materials and items employed in the clean-up of releases. |
| Major Spills | <ul style="list-style-type: none"> – Immediately notify emergency services (Police or Fire Brigade) if the spill is too large to safely and effectively handle. – Clear area of personnel not required for emergency response activities. – Increase ventilation. – Consider wearing breathing apparatus plus protective gloves. – Stop leak if safe to do so using non-sparking tools. – Provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container. – Bunding – Water spray or fog may be used to disperse / absorb vapour. – Absorb on sand, dirt, vermiculite or similar inert absorbent material. – Prevent spillage from entering drains or water course as a precaution. – Collect residues in a suitably labelled flammable waste container. – See sections 13 and 16 for information on the releases and disposal of this material, as well as those materials and items employed in the clean-up of releases. |

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling

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| Safe Handling | <ul style="list-style-type: none"> – Do not ingest. – Do not get in eyes. – Avoid prolonged or repeated contact with skin. Wear protective clothing when risk of overexposure occurs. – Use in a well-ventilated area. – Remove all contaminated clothing and protective equipment immediately. – Keep away from heat, sources of ignition, naked lights, open flames or hot enclosed spaces such as vehicles or confined spaces. – Avoid generation of static electricity – ground/bond containers and receiving equipment. |
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| | <ul style="list-style-type: none"> – Store away from incompatible materials in a cool, dry well-ventilated area. – Prevent concentration in hollows and sumps. |
| Hygiene Measures | <ul style="list-style-type: none"> – Do not use on open cuts or wounds. – Wash hands before eating, drinking, smoking or touching sensitive areas of the body. |

Conditions for safe storage

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| Suitable Storage Conditions | <ul style="list-style-type: none"> – Keep container tightly closed when not in use. – Check that containers are clearly labelled and free from leaks. – Store in original container provided by manufacturer. – Plastic containers may only be used if approved for flammable liquid. – Store in a cool, dry, well-ventilated place. – Keep away from heat, sparks, open flames, hot surfaces and direct sunlight. |
| Storage Incompatibility | <p>Do not store with the following product types:</p> <ul style="list-style-type: none"> – Caustics – Oxidising agents – Acids, acid chlorides, acid anhydrides – Chloroformates – Nitrates – Self-heating substances and mixtures – Flammable gases – Self-reactive substances and mixtures |

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Workplace Exposure Standards (WES)

WES Sources: Workplace Exposure Standards for Airborne Contaminants, Safe Work Australia; and the Hazardous Chemical Information System (HCIS):

| Chemical Name | CAS No. | TWA (ppm) | TWA (mg/m ³) | STEL (mg/m ³) | Advisory carcinogen category | Other advisory information | Notes |
|-------------------------|---------|-----------|--------------------------|---------------------------|------------------------------|----------------------------|-------|
| Ethyl alcohol (Ethanol) | 64-17-5 | 1000 | 1880 | - | - | Sen | |

Biological Monitoring

No data available.

Control Banding

Control banding approach is not recommended for this product.

Engineering Controls

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| Engineering Measures | <p>Use in a well-ventilated area. In most circumstances natural ventilation systems are adequate.</p> <p>If ventilation is poor, then the use of a local exhaust ventilation system is recommended.</p> |
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Personal Protection Controls

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| General | <p>Exposure control measures are to be selected based on the hazards associated with the product, the workplace in which it is stored and its use. Personal Protective Equipment should only be used to reduce the exposure of hazardous chemicals when other control measures have been found impracticable, or in conjunction with one or more control measures.</p> |
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| | Personal protective equipment is not required when handling small quantities as per the recommended use. |
| Eye and face protection | When handling or with a potential exposure to larger than personal use quantities: <ul style="list-style-type: none"> – Safety glasses with side-shields in accordance with AS/NZS 1336 and AS/NZS 1337.1 as a minimum are recommended for both worker and any visitors to the area. – Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. Lens should be removed at the first signs of eye redness or irritation. Lens should be removed in a clean environment only after workers have washed hands thoroughly. |
| Skin protection | Not required for the recommended use. <ul style="list-style-type: none"> – Choose skin protective equipment depending on the concentration and quantity of the product. To avoid prolonged and repeated contact with industrial quantities, it is recommended that clarifying the resistance to the chemical with the manufacturers of the protective clothing, gloves and shoes be sought. – Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. |
| Respiratory protection | Respiratory protection is not required generally if sufficient ventilation is in place. <ul style="list-style-type: none"> – If significant mists, vapours or aerosols are generated that cannot be controlled through natural or local exhaust ventilation, an exposure assessment to select and use an adequate respirator and particle filter in accordance with AS/NZS 1715 and AS/NZS 1716 is recommended. |
| Thermal hazards | Not available. |

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

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| Appearance | Clear viscous gel | Upper/lower flammability or explosive limits | Not available |
| Odour | Alcohol-like | Vapour pressure | Not available |
| Odour threshold | Not available | Vapour density | Not available |
| pH | Not available | Relative density | 0.89 |
| Melting point/freezing point | Not available | Solubility | Soluble |
| Boiling point and boiling range | Not available | Partition coefficient: n-octanol/water | Not available |
| Flash point | 18 | Auto-ignition temperature | Not available |
| Evaporation rate | Not available | Decomposition temperature | Not available |
| Flammability (solid, gas) | FLAMMABLE LIQUID | Viscosity | Not available |
| Specific heat value | Not available | Dustiness | Not available |
| Saturated vapour concentration | Not available | Surface area | Not available |
| Release of invisible flammable vapours and gases | Not available | Degree of aggregation or agglomeration, and dispersibility | Not available |
| Particle size | Not available | Redox potential | Not available |
| Size distribution | Not available | Biodurability or biopersistence | Not available |
| Shape and aspect ratio | Not available | Surface coating or chemistry | Not available |
| Crystallinity | Not available | | |

SECTION 10 – STABILITY AND REACTIVITY

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| Reactivity See section 7 | See Section 7 |
| Chemical stability | Stable under normal conditions. |
| Possibility of hazardous reactions | See Section 7 |
| Conditions to avoid | See Section 7 |
| Incompatible materials | Contact with strong alkalies (e.g. ammonia and its solutions, carbonates, sodium hydroxide (caustic), potassium hydroxide, calcium hydroxide (lime), cyanide, sulfide, hypochlorites, chlorites) may generate heat, splattering or boiling and toxic vapors. Contact with strong acids (e.g. sulfuric, phosphoric, nitric, hydrochloric, chromic, sulfonic) may generate heat, splattering or boiling and toxic vapors. |
| Hazardous decomposition products | No hazardous decomposition products are known. |

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on possible routes of exposure

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| Eye Contact | <ul style="list-style-type: none"> There is evidence that product may produce eye irritation (as classified under Hazardous Chemical Information System (HCIS)). |
| Skin Contact | <ul style="list-style-type: none"> Skin contact is not thought to have harmful health effects (as classified under Australian Workplace Exposure Standards and Hazardous Chemical Information System (HCIS)). Entry into the bloodstream through cuts, abrasions or lesions may produce cause irritation and or injury. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected. |
| Inhalation | <ul style="list-style-type: none"> The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). However, there is some evidence to suggest that the chemical used can cause respiratory irritation. The body's response to such irritation can cause further lung damage. |
| Ingestion | <ul style="list-style-type: none"> The material is not thought to produce adverse health effects or irritation if ingested incidentally. |

Exposure effects

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| Early onset symptoms related to exposure | No toxicity studies have been conducted on this product. |
| Delayed health effects from exposure | No toxicity studies have been conducted on this product. |
| Exposure levels and health effects | No toxicity studies have been conducted on this product. |
| Interactive effects | No toxicity studies have been conducted on this product. |
| When specific chemical data is not available | No toxicity studies have been conducted on this product. |
| Mixtures of chemicals | No toxicity studies have been conducted on this product. |
| Other information | Based on hazard characterisation of similar products, the potential human hazard is: Low. |

SECTION 12 – ECOLOGICAL INFORMATION

Classification of the substance or mixture

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| Ecotoxicity | No toxicity studies have been conducted on this product. |
| Persistence and degradability | No toxicity studies have been conducted on this product. |
| Bioaccumulative potential | <p>The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite (TM), provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media.</p> <p>The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.</p> <p>If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages; <5%; 30-50%; 50-70%; The portion in water is expected to be soluble or dispersible.</p> |
| Mobility in soil | 50-70% - based on the above analysis. |
| Other adverse effects | No toxicity studies have been conducted on this product. Based on our hazard characterisation, the potential environmental hazard is: Low |

SECTION 13 - DISPOSAL CONSIDERATIONS

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|-------------------------|---|
| Disposal Methods | <ul style="list-style-type: none"> - Dispose of in accordance with local, state, and federal regulations. Dispose of wastes in an approved incinerator or waste treatment/disposal site, in accordance with all applicable regulations. Do not dispose of wastes in local sewer or with normal garbage. - Triple rinse (or equivalent) all containers and offer for recycling or reconditioning, or puncture and dispose. |
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SECTION 14 – TRANSPORT INFORMATION

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| UN number | 1170 |
| Proper Shipping Name or Technical Name | The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper Shipping Name/Hazard Class may vary by packaging, properties, and mode of transportation. Typical Proper Shipping Names for this product are: ETHANOL SOLUTION, ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION). |
| Transport hazard class | 3 |
| Packing Group | III |
| Environmental hazards for transport purposes | No data available |
| Special precautions for user | Not available. |

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| Additional information | <ul style="list-style-type: none"> – Segregation Dangerous Goods: Not to be loaded with explosive(class 1),flammable gases (class 2.1), if both are in bulk, toxic gases (class 2.3), spontaneously combustible substances (class 4.2), oxidising agents (class 5.1), organic peroxides (class 6.1), infectious substances (class 6.2) or radioactive substances(class 7). EXEMPTIONS may apply. – Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Good Code. – Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) |
| Hazchem or Emergency Action Code | .2Y |

SECTION 15 – REGULATORY INFORMATION

Safety, health and environmental regulations

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|--|---|
| Applicable Inventories & Standards | <ul style="list-style-type: none"> – HSNO Group Standard: HSR002528 – Cleaning Products (Flammable) Group Standard 2006 – NICNAS: All substances in this product comply with the National Industrial Chemicals Notification & Assessment Scheme (NICNAS) – Australia Exposure Standards – Australia Inventory of Chemical Substances (AICS) – Australia Hazardous Substances Information System - Consolidated Lists |
| Non-applicable International Agreements | <p>This material is not subject to the following international agreements:</p> <ul style="list-style-type: none"> – Montreal Protocol (Ozone depleting substaces) – The Stockholm Convention (Persistent Organic Pollutants) – The Rotterdam Convention (prior Informed Consent) |

SECTION 16 – OTHER INFORMATION

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since PERFECT HYGIENE SOLUTIONS cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact the Company.

Our responsibility for product as sold is subject to our standard terms and conditions.

References

The following documents were used as a key reference in the development of this Safety Data Sheet:

- Classifying Hazardous Chemicals National Guide – Safe Work Australia
- Preparation of Safety Data Sheets for Hazardous Chemicals Model Code of Practice - Safe Work Australia
- Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice – Safe Work NSW
- Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG)
- Workplace Exposure Standards for Airborne Contaminants – Safe Work Australia
- Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)
- Hazardous Chemical Information System (HCIS) – Safe Work Australia
- Globally Harmonised System of Classification and Labelling of Chemicals (GHS) – United Nations
- European Chemicals Agency (<http://echa.europa.eu/>)
- Ansell Chemical Resistance Guide – Permeation & Degradation data

DOCUMENT CONTROL

This Safety Data Sheet will be reviewed whenever necessary to ensure that it contains correct, current information, or at least once every five years from the issue date of the latest version should no updates have been made.

Document Owner

| Position | Incumbent | Approval Date | Next Review Date |
|----------|---------------|---------------|------------------|
| | David Podesta | | |

Version Control

| Issue Date | Version | Version Details | Author | Reviewer/s |
|------------|---------|--|----------------|---------------|
| 01/02/2017 | 1.0 | Issued for use | David Podesta | |
| | 2.0 | WHS Consultant review and update new template. | Katherine Parr | David Podesta |

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