

SAFETY DATA SHEET

FINGERTENS PTY LTD

DATE 20/02/2020

www.fingertens.com.au



1. IDENTIFICATION

Product Identifier

FINGERTENS HAND SANITISER

Recommended use of the chemical and restrictions on use

Fast Drying, Waterless Skin Sanitiser

Details of the supplier of the safety data sheet:

FINGERTENS Pty Ltd

Suite 1A / Level 2 802 Pacific Highway

Gordon NSW 2072

E-Mail admin@fingertens.com.au

Web Site: www.fingertens.com.au

Telephone: 1300 855 273

Facsimile: 1300 855 274

Emergency Telephone Number:

131126 Poisons Information Centre

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classified as hazardous according to Safe Work Australia criteria.

Serious Eye Damage/Irritation, Category 2A

Flammable Liquids, Category 2

Label elements

Hazard pictogram



Signal Word

DANGER

Hazard Statements

H225 Highly flammable liquid and vapour

H319 Causes serious eye irritation

GENERAL

P101 If medical advice is needed, have product container or label at hand

P102 Keep out of reach of children

P103 Read label before use

PREVENTATIVE

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 explosion-proof electrical/ventilation/lighting equipment
P242 Use only non-sparking tools
P243 Take precautionary measures against static discharge
P264 Wash thoroughly after handling
P280 Wear protective gloves/eye protection/face protection

RESPONSE

P303 + P361 + P353 IF ON SKIN (or hair): Take off contaminated clothing and wash before reuse. Rinse skin with water/shower
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 If eye irritation persists: Get medical advice/attention
P370 + P378 In case of fire: Use foam/water spray/fog for extinction

STORAGE

P403 + P235 Store in a well-ventilated place. Keep cool

DISPOSAL

P501 Dispose of contents/container in accordance with local regulations

3. COMPOSITION INFORMATION

Mixtures

| INGREDIENT | CAS NUMBER | PROPORTION |
|---------------------------|------------|------------|
| Ethanol; Ethyl alcohol | 64-17-5 | > 60% |
| Non-hazardous ingredients | | To 100% |

4. FIRST AID MEASURES

Description of first aid measures

For advice, contact a Poisons Information Centre (Phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

Inhalation:

Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Remove contaminated clothing.

Skin Contact:

If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available.

Eye Contact:

If in eyes, hold eyes open, flood with water for at least 15 minutes. If symptoms persist transport to nearest medical facility for additional treatment.

Ingestion:

If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing equipment

Alcohol stable foam, water spray or fog. Dry chemical powder, carbon dioxide for small fires only. Do not use water in a jet.

Specific hazards arising from the chemical

Carbon monoxide and/or carbon dioxide may be evolved.

Special protective equipment and precautions for fire fighters

Wear full protective clothing and self-contained breathing apparatus. Hazchem code □2YE.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all sources of ignition in the surrounding area. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

Environmental precautions

Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Attempt to disperse the vapour or to direct its flow to a safe location for example by using fog sprays. Ventilate contaminated area thoroughly.

Methods and materials for containment and cleaning up

For small spills (< 1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.

For larger spills (> 1 drum), transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Do not flush residues with water. Retain as contaminated waste. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.

7. HANDLING AND STORAGE

Precautions for safe handling

Highly flammable product. Avoid breathing vapours. Handle and open containers with care in a well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment. Flameproof equipment necessary in area where chemical is being used. Vapours may accumulate in low or confined areas.

Conditions for safe storage, including any incompatibilities

Bulk storage tanks should be banded. Store in a well-ventilated area, away from sunlight, ignition sources and other sources of heat. Do not store near strong oxidants.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure control measures

From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia -
Ethanol: 1880mg/m³ (1000ppm) TWA (8hr)

Biological monitoring

No biological limit allocated.

Engineering controls

Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use..

Individual protection measures

Eye and face protection: Wear safety goggles.

Skin protection: Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes.

Respiratory protection: If work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

Thermal hazards: Not applicable.

These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|--|------------------|
| Appearance | Colourless Gel |
| Odour | Alcohol |
| Odour threshold | Not available |
| pH | Not available |
| Melting point/freezing point | Not available |
| Initial boiling point and boiling range | +/- 80 C |
| Flash point | Not available |
| Evaporation rate | Not available |
| Flammability (solid, gas) | Highly Flammable |
| Upper/lower flammability or explosive limits | Not available |
| Vapour pressure | Not available |
| Vapour density | Not available |
| Relative density | +/- 0.82 |
| Solubility | Soluble in water |
| Partition coefficient: n-octanol/water | Not available |
| Auto-ignition temperature | Not available |
| Decomposition temperature | Not available |
| Viscosity | Not available |
| Explosive properties | Not applicable |
| Oxidising properties | Not applicable |

Other information

No additional information

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions of use.

Chemical stability

Stable under normal conditions of use.

Possibility of hazardous reactions

Stable under normal conditions of use.

Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources.

Incompatible materials

Strong oxidising agents.

Hazardous decomposition products

Burning can produce carbon monoxide and/or carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Low toxicity in animals -
LD50 Oral (rat) : 7060mg/kg
LC50 Inhalation (rat, 6h) : 5900mg/m³

Skin corrosion/irritation:

Mild irritant. Prolonged contact may cause defatting of skin which can lead to dermatitis.
An eye irritant. May cause physical irritation to the eyes.

Serious eye damage/irritation:

Not expected to be a sensitiser.

Respiratory or skin sensitisation:

Not expected to be mutagenic.

Germ cell mutagenicity:

Not expected to be carcinogenic.

Carcinogenicity:

Not expected to impair fertility.

Reproductive toxicity:

Data not available.

Specific Target Organ Toxicity (STOT) – single exposure:

Specific Target Organ Toxicity (STOT) – repeated exposure:

Long term exposure by swallowing or repeated inhalation, may cause degenerative changes in the liver, kidneys, gastrointestinal tract and heart muscle.

Aspiration hazard:

Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Acute toxicity:

Fish – Expected to be harmful

Aquatic invertebrate – Expected to be harmful

Algae – Expected to be toxic

Microorganisms – Expected to be harmful

Chronic toxicity:

Fish – Data not available

Aquatic invertebrate – Data not available

Algae – Data not available

Microorganisms – Data not available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste must be disposed of in accordance with federal, state and local environmental control regulations. The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers..

14. TRANSPORT INFORMATION

Classified as a Dangerous Good by the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail

UN Number

1170

UN Proper shipping name

Ethanol

Transport hazard class(es):

3

Packing group

II

Hazchem Code

2YE

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule: 5

Australian Inventory of Chemical Substances (AICS): Listed

Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76): 14

16. OTHER INFORMATION

Preparation Date Feb 2020

Abbreviations and Acronyms

ADG - Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)

AICS - Australian Inventory of Chemical Substances

ATE - Acute Toxicity Estimate

CAS - Chemical Abstracts Service Registry Number

GHS - Globally Harmonized System of Classification and Labelling of Chemicals

IBC - Intermediate Bulk Container

IATA – International Air Transport Association

ICAO – Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG – International Maritime Dangerous Goods

IMO – International Maritime Organisation

LC50 - Lethal Concentration, 50% / Median Lethal Concentration

MARPOL 73/78 - International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

LD50 - Lethal Dose, 50% / Median Lethal dose

PBT - Persistent, Bioaccumulative and Toxic

STOT-RE - Specific target organ toxicity (repeated exposure)

STOT-SE - Specific target organ toxicity (single exposure)

SUSMP - Standard for the Uniform Scheduling of Medicines & Poisons

UN - United Nations

vPvB - very Persistent and very Bioaccumulative

This MSDS has been prepared by the Technical Manager, Fingertens Pty Ltd.

Reason for issue: 1st Edition

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

This MSDS 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 the manufacturer/supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS 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 this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is available upon request.