SAFETY DATA SHEET

INSTANT HAND SANITISER

Infosafe No.: LQ66W
ISSUED Date : 14/09/2020
ISSUED by: JASOL AUSTRALIA

CLASSIFIED AS HAZARDOUS

1. Identification

GHS Product Identifier
INSTANT HAND SANITISER

Product Code
2071510

Company name
JASOL AUSTRALIA

Address
41-45 Tarnard Drive Braeside
VIC 3195 AUSTRALIA

Telephone/Fax Number
Tel: 03 95805722
Fax: 03 95809902

Emergency phone number
1800 629953

Recommended use of the chemical and restrictions on use
Alcohol-based hand sanitiser

Disclaimer
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The provision of this information should not be construed by anyone as a recommendation to use this product. In particular, no one should use any product in violation of any patent or other intellectual proprietary rights or in breach of any statute or regulation.
Users should rely on their own knowledge and inquiries and make their own determination as to the applicability of this information in relation to their particular purposes and specific circumstances. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace and in conjunction with other substances or products.

2. Hazard Identification

GHS classification of the substance/mixture
Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.
Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
Eye Damage/Irritation: Category 2A
Flammable Liquids: Category 2

Signal Word (s)
DANGER

Hazard Statement (s)
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.

Pictogram (s)
Flame,Exclamation mark

Precautionary statement – Prevention
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/ventilating/lighting/equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P264 Wash contaminated skin thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response
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 carbon dioxide, dry chemical, foam, water fog or water mist for extinction.

Precautionary statement – Storage
P403+P235 Store in a well-ventilated place. Keep cool.

Precautionary statement – Disposal
P501 Dispose of contents/container to an approved waste disposal plant.

3. Composition/information on ingredients

Ingredients

Name	CAS	Proportion
Alcohol	64-17-5	70 %
Aqua	7732-18-5	20-28 %
PEG-75 Lanolin	61790-81-6	<1 %
polyacrylic acid	9003-01-4	<1 %
Triethanolamine	102-71-6	<0.3 %

4. First-aid measures

Inhalation
If inhaled, remove affected person from contaminated area and keep at rest in a position comfortable for breathing. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

Ingestion
Do NOT induce vomiting. Wash/rinse out mouth thoroughly with water. Seek immediate medical attention.

Skin
The product is designed for skin contact. If there is a reaction, remove all affected clothing and wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. If symptoms develop and/or persist seek medical attention.

Eye contact
If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses, if present and easy to do. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention. If eye irritation occurs please advise medical physician.

First Aid Facilities
Eyewash, safety shower and normal washroom facilities.

Advice to Doctor
Product is a mixture of ethanol, Triclosan and emollients. Treat symptomatically.

Other Information
For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

5. Fire-fighting measures

Suitable Extinguishing Media
Carbon dioxide, dry chemical, foam, vaporising liquid, water fog or water mist. Alcohol resistant foam is preferred. If not available fine water spray/mist can be used.

Unsuitable Extinguishing Media
Do not use water jet.

Hazards from Combustion Products
Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

Specific Hazards Arising From The Chemical
Highly flammable liquid and vapour. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.

Hazchem Code
•2YE

Precautions in connection with Fire
Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. In case of fire the product may be violently or explosively reactive. Use water spray to disperse vapours. This product should be prevented from entering drains and watercourses.

6. Accidental release measures

Emergency Procedures
Wear appropriate eye protection if risk of exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

7. Handling and storage

Precautions for Safe Handling
Avoid eye contact. Handle and use the material in a well-ventilated area, away from sparks, flames and other ignition sources. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Work from suitable, labelled, fire-resistant containers. Open containers carefully as they may be under pressure. Keep containers tightly closed. Flameproof equipment is necessary in areas where the product is being used. Take precautionary measures against static discharges. Earth or bond all equipment. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet facilities.

Conditions for safe storage, including any incompatibilities
Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national

regulations.
For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids.

8. Exposure controls/personal protection

Occupational exposure limit values
No exposure value assigned for this material by Safe Work, Australia. However, the available exposure limits for ingredients are listed below:

Safe Work, Australia Exposure Standards:

Isopropyl alcohol (CAS:67-63-0)
TWA: 400 ppm
TWA: 983 mg/m³
STEL: 500 ppm
STEL: 1230 mg/m³

Ethanol (CAS:64-17-5)
TWA: 1000 ppm
TWA: 1880 mg/m³

Triethanolamine (CAS:102-71-6)
TWA: 5 mg/m³ (Sensitisation)

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.
STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Biological Limit Values
Name: 2-Propanol (Isopropanol)
Determinant: Acetone in urine
Value: 40 mg/L
Sampling time: End of shift at end of workweek

Source: American Conference of Industrial Hygienists (ACGIH).

Appropriate engineering controls
This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. A flame-proof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations for further information concerning ventilation requirements.
Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 60079.10.1:2009 Explosive atmospheres - Classification of areas - Explosive gas atmospheres, for further information concerning ventilation requirements.

Personal Protective Equipment
For normal use as hand sanitiser, no PPE is required.
Avoid contact with eyes. If risk of splashes, eye protection should be used. Avoid breathing the vapour.

9. Physical and chemical properties

Properties	Description	Properties	Description
Form	Liquid	**Appearance**	Clear, colourless gel with alcoholic odour.
Colour	Colourless	**Odour**	Alcoholic odour
Boiling Point	approx. 78°C	**Solubility in Water**	Miscible with water in all proportions
Specific Gravity	0.9	**pH**	6.0-7.0
Vapour Pressure	59 hPa @ 20 °C	**Vapour Density (Air=1)**	1.59 (Air = 1)
Evaporation Rate	2.53 (n-Butyl acetate = 1)	**Flash Point**	22 °C Closed cup.
Flammability	Flammable liquid, flash point 22 °C. Vapour/air mixture may be flammable. Ethanol flames may not be readily visible.	**Auto-Ignition Temperature**	425 °C
Flammable Limits - Lower	3.5% Ethanol	**Flammable Limits - Upper**	19% Ethanol

10. Stability and reactivity

Reactivity
Refer to Section 10: Possibility of hazardous reactions.

Chemical Stability
Stable under normal conditions of storage and handling.

Conditions to Avoid
Heat, open flames and other sources of ignition

Incompatible materials
Strong oxidising agents.

Hazardous Decomposition Products
Thermal decomposition may result in the release of toxic and/or irritating fumes, smoke and gases including: carbon dioxide and carbon monoxide.

Possibility of hazardous reactions
Not available

Hazardous Polymerization
Not available

11. Toxicological Information

Toxicology Information
Toxicity data for material given below.

Acute Toxicity - Oral
LD 50 : Ethanol 7,060 mg/kg oral, rat
LDLo : Ethanol 1,400 mg/kg oral, human

Acute Toxicity - Inhalation
LC 50 : Ethanol 20,000 ppm/10 hours, rat
LCLo : Ethanol 21,900 ppm, guinea pig

Ingestion
Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Inhalation
Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

Skin
May be irritating to skin. The symptoms may include redness, itching and swelling.

Eye
Causes serious eye irritation. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

Respiratory sensitisation
Not expected to be a respiratory sensitiser.

Skin Sensitisation
Not expected to be a skin sensitiser.

Germ cell mutagenicity
Not considered to be a mutagenic hazard.

Carcinogenicity
Not considered to be a carcinogenic hazard.

Isopropyl alcohol is listed as a Group 3: Not classifiable as to carcinogenicity to humans according to International Agency for Research on Cancer (IARC).

Reproductive Toxicity
Not considered to be toxic to reproduction.

STOT-single exposure
Not expected to cause toxicity to a specific target organ.

STOT-repeated exposure
Not expected to cause toxicity to a specific target organ.

Aspiration Hazard
Not expected to be an aspiration hazard.

12. Ecological information

Ecotoxicity
No ecological data available for this material.

Persistence and degradability
Not available

Mobility
Not available

Bioaccumulative Potential
Not available

Other Adverse Effects
Not available

Environmental Protection
Prevent large amounts from entering waterways, drains and sewers.

13. Disposal considerations

Disposal considerations
Dispose of waste according to applicable local and national regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near containers. Empty containers may contain flammable residues. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers. Advise flammable nature.

14. Transport information

Transport Information

This material is a Class 3 - Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
Class 3 - Flammable Liquids are incompatible in a placard load with any of the following:
- Class 1: Explosives
- Division 2.1: Flammable Gases.
(Division 2.1 and Class 3 are incompatible in transport if both are in tanks or other receptacles with a capacity individually exceeding 500 L)
- Division 2.3: Toxic Gases
- Division 4.2: Spontaneously Combustible Substances
- Division 5.1: Oxidising substances
- Division 5.2: Organic Peroxides
- Class 6: Toxic or Infectious Substances
(where the flammable liquid is nitromethane)
- Class 7: Radioactive materials unless specifically exempted.

Marine Transport (IMO/IMDG):
Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
Class/Division: 3
UN No: 1170
Proper Shipping Name: ETHANOL (ETHYL ALCOHOL)
Packing Group: II
EMS : F-E, S-D
Special Provisions: 144

Air Transport (ICAO/IATA):
Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.
Class/Division: 3
UN No: 1170
Proper Shipping Name: ethanol (ethyl alcohol)
Packing Group: II
Packaging Instructions (passenger & cargo): 353
Packaging Instructions (cargo only): 364
Hazard Label: Flammable Liquid
Special Provisions: A3, A58, A180

U.N. Number
1170

UN proper shipping name
ETHANOL (ETHYL ALCOHOL)

Transport hazard class(es)
3

Packing Group
II

Hazchem Code
•2YE

IERG Number
14

IMDG Marine pollutant
No

Transport in Bulk
Not available

Special Precautions for User
Not available

15. Regulatory information

Regulatory information
Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Poisons Schedule
Not Scheduled

16. Other Information

Date of preparation or last revision of SDS
SDS updated (ingredients list updated to include 70% alcohol): 14 September 2020
SDS created (superseded): May 2016

References
Model Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals (Safe Work Australia).
Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP 23).
Australian Code for the Transport of Dangerous Goods by Road & Rail (edition 7.5).
Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals (Safe Work Australia).
Workplace exposure standards for airborne contaminants.
Adopted biological exposure determinants, American Conference of Governmental Industrial Hygienists (ACGIH).
Globally Harmonized System of classification and labelling of chemicals (edition 5).
Supplier SDS

Contact Person/Point
The company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside the Company's control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.
24-Hour Emergency Telephone: AUS: 1800 629 953 NZ: Poisons 0800 764 766, Spills 111 FIRE.

END OF SDS

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