



SAFETY DATA SHEET

TITAN HAND SANITISER

Infosafe No.: 7EFHN
ISSUED Date : 11/07/2017
ISSUED by: JASOL AUSTRALIA

1. IDENTIFICATION

GHS Product Identifier

TITAN HAND SANITISER

Product Code

3000110

Company Name

JASOL AUSTRALIA

Address

Level 3, 187 Todd Road PORT MELBOURNE

VIC AUSTRALIA

Telephone/Fax Number

Tel: 1800 334 679

Fax: 03 9580 9902

Emergency phone number

1800 629 953

Recommended use of the chemical and restrictions on use

Hand sanitiser

Disclaimer

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

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

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. 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 water spray, alcohol-resistant foam, dry chemical or carbon dioxide 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 facility.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Ethanol	64- 17- 5	<80 %
Ingredients determined not to be hazardous		Balance

4. FIRST-AID MEASURES

Inhalation

Due to product form/nature of use, an inhalation hazard is not anticipated.

Ingestion

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

Skin

Product is designed for skin sanitation. If there is a skin irritation reaction, wash affected area gently with soap and water and discontinue use.

Eye contact

If in eyes, hold eyelids apart and wash out immediately with running water. Remove contact lenses, if present and easy to do. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and/or persist seek medical attention.

First Aid Facilities

Eyewash and normal washroom facilities.

Advice to Doctor

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

Use appropriate fire extinguisher for surrounding environment: water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Prevent contamination of drains and waterways.

Hazards from Combustion Products

Combustion products may include and are not limited to: Oxides of carbon, oxides of nitrogen.

Specific Hazards Arising From The Chemical

Highly flammable liquid and vapour. May evolve carbon oxides and hydrocarbons when heated to decomposition. Eliminate all ignition sources including cigarettes, open flames, spark producing tools/ switches, naked lights, pilot lights, mobile phones etc when handling. Earth containers when dispensing fluids.

Hazchem Code

•3YE

Precautions in connection with Fire

Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear protective equipment including self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location. Use water fog to cool intact containers and nearby storage areas.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Contain spillage then cover / absorb with non-combustible absorbent material (vermicullate, sand or similar), collect and place in suitable containers for disposal.

Personal Precautions

Wear Personal Protective Equipment (PPE) as detailed in Section 8 of this SDS. Clear area of all unprotected personnel. Ventilate area where possible. Contact emergency services where appropriate.

Environmental Precautions

Prevent from spreading or entering into drains, ditches or rivers by using sand, earth, or other appropriate barriers.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Carefully read the product label before use. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area, away from incompatible substances and foodstuffs. Store in suitable, adequately labelled containers. Keep containers tightly closed. Ensure that storage conditions comply with applicable local and national regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Ethanol TWA 1000 ppm, 1880 mg/m³

Biological Limit Values

Not available

Appropriate Engineering Controls

Use in well ventilated areas. Avoid inhalation. Where inhalation risk exists, mechanical explosion proof extraction ventilation is recommended. Flammable / explosive vapours may accumulate in poorly ventilated areas. Vapours are heavier than air and may travel some distance to ignition sources and flash back. Maintain vapour levels below the recommended exposure standard.

Personal Protective Equipment

Eye/Face: Not required under normal conditions of use

Hands: Not required under normal conditions of use

Body: Not required under normal conditions of use

Respiratory: Not required under normal conditions of use

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Gel

Appearance

Clear colourless gel

Colour

Colourless

Odour

Alcohol

Boiling Point

100C

Solubility in Water

Soluble

Specific Gravity

0.80-0.90

pH

6.0-7.0

Vapour Pressure

Not available

Viscosity

13000 cps

Flash Point

23C

Flammability

Highly flammable liquid and vapour

Explosion Limit - Upper

19% (Ethanol)

Explosion Limit - Lower

3.3% (Ethanol)

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions of storage and handling.

Conditions to Avoid

Heat, sparks, open flames and other ignition sources.

Incompatible materials

Oxidising agents, acids, metals, heat and ignition sources.

Hazardous Decomposition Products

May evolve toxic gases when heated to decomposition.

Hazardous Polymerization

Product will not undergo polymerisation.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

This product may present hazard with direct eye contact. Liver damage (cirrhosis) and central nervous system (CNS) depression may occur with high level or chronic ingestion of ethanol. However, due to the nature of use, adverse health effects are not anticipated.

Ingestion

Ingestion of large quantities may result in nausea, vomiting, intoxication and gastrointestinal tract irritation.

Inhalation

Due to low vapour pressure, an inhalation hazard is not anticipated with normal use.

Skin

Prolonged or repeated contact may result in mild irritation. Some individuals may experience allergic reaction.

Eye

Contact may result in irritation, lacrimation, pain and redness.

Germ cell mutagenicity

No evidence of mutagenic effects.

Carcinogenicity

Not considered to be a carcinogenic hazard.

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.

Other Information

Ethanol (64-17-5)

LC50 (inhalation) 20000 ppm/10 hours (rat)

LCLo (inhalation) 21900 ppm/10 hours (guinea pig)

LD50 (ingestion) 3450 mg/kg (mouse)

LD50 (intraperitoneal) 3600 mg/kg (rat)

LD50 (intravenous) 1440 mg/kg (rat)

LD50 (subcutaneous) 8285 mg/kg (mouse)

LDLo (ingestion) 1400 mg/kg (human)

LDLo (intraperitoneal) 3000 mg/kg (dog)

LDLo (intravenous) 1600 mg/kg (dog)

LDLo (skin) 20 mg/kg (rabbit)

LDLo (sucutaneous) 19440 mg/kg (infant)

TCLo (inhalation) 20000 ppm/7 hours (1-22 days pregnant rat - reproductive)

TDLo (ingestion) 500 mg/kg (human)

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information provided

Persistence and degradability

No information provided.

Mobility

No information provided.

Environmental Fate

Avoid contaminating waterways.

Bioaccumulative Potential

No information provided.

Other Adverse Effects

Not available

13. DISPOSAL CONSIDERATIONS

Disposal considerations

For small amounts absorb with sand, vermicullate or similar and dispose of to an approved landfill site. Contact the manufacturer/supplier for additional information if disposing of large quantities (if required). Prevent contamination of drains and

waterways.

Waste Disposal

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

Transport Information

Dangerous Goods of Class 3 Flammable Liquids, are incompatible in a placard load with any of the following: - Class 1, Class 2.1, if both the Class 3 and Class 2.1, dangerous goods are in bulk, Class 2.3, Class 4.2, Class 5, Class 6, if the Class 3 dangerous goods are nitromethane and Class 7.

U.N. Number

1987

UN proper shipping name

ALCOHOLS, N.O.S.(CONTAINS Ethanol)

Transport hazard class(es)

3

Packing Group

II

Hazchem Code

•3YE

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 reviewed: July 2017

SDS created: May 2017

References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

Contact Person/Point

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