



# SAFETY DATA SHEET

## TITAN PREMIUM BLEACH

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

### 1. IDENTIFICATION

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**GHS Product Identifier**

TITAN PREMIUM BLEACH

**Product Code**

3000130

**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**

Bleach 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

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**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.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Skin Corrosion/Irritation: Category 1B

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

H314 Causes severe skin burns and eye damage.

**Pictogram (s)**

Corrosion



**Precautionary statement – Prevention**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash contaminated skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement – Response**

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P321 Specific treatment (see information on this label).

P363 Wash contaminated clothing before reuse.

**Precautionary statement – Storage**

P405 Store locked up.

**Precautionary statement – Disposal**

P501 Dispose of contents/container to in accordance with local/regional/national/international regulations.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Ingredients**

Name	CAS	Proportion
Sodium hypochlorite	7681- 52- 9	<10 %
Ingredients determined not to be hazardous		Balance

**4. FIRST-AID MEASURES****First Aid Measures**

For advice, contact a Poisons Information Centre (e.g. phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor (at once).

**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**

If swallowed, do NOT induce vomiting. Wash/rinse out mouth thoroughly with water. Seek medical attention.

**Skin**

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Wash contaminated clothing before re-use or discard. Seek medical attention.

**Eye contact**

If in eyes hold eyelids apart and wash out immediately with 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.

Product is a solution of sodium hypochlorite. If swallowed, may lead to fall in blood pressure. Treat with at acids to neutralise hypochlorous acid formed in the stomach, then as for alkaline materials. Onset of pulmonary oedema, following inhalation over exposure, may be delayed. Contact a Poisons Information Centre.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use appropriate fire extinguisher for surrounding environment.

**Hazards from Combustion Products**

Chlorine, water vapour, sodium hydroxide, sodium carbonate, sodium chloride.

**Specific Hazards Arising From The Chemical**

May form explosive products with primary aliphatic or aromatic amines, methanol and with nitrites. Contact with acids will generate chlorine, a toxic and corrosive gas. May react vigorously and violently with oxidising agents and metal salts.

**Precautions in connection with Fire**

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in a positive pressure mode. Fight fire from safe location. Use water fog to cool intact containers and nearby storage areas.

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**6. ACCIDENTAL RELEASE MEASURES**

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**Emergency Procedures**

Evacuate all unprotected personnel. Do not allow contact with skin and eyes. Do not breathe mist/vapour. It is essential to wear self-contained breathing apparatus (S.C.B.A) and full personal protective equipment and clothing to prevent exposure. Avoid exposure to spillage by collecting the material using vacuum and transfer into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to 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. As a water based product, if spilt on electrical equipment the product will cause short-circuits.

**Environmental Precautions**

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

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**7. HANDLING AND STORAGE**

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**Precautions for Safe Handling**

Carefully read the product label before use. Use of safe work practices is 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.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Occupational exposure limit values**

No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions, and should be kept to the least possible levels.

**Biological Limit Values**

No biological limits allocated.

**Appropriate Engineering Controls**

Prevent direct contact with metals. Use with good general ventilation. If mists or vapours are produced, local exhaust ventilation should be used. Avoid inhalation.

**Respiratory Protection**

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapour/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective equipment.

Reference should be made to AS/NZS 1715: Selection, use and maintenance of respiratory protective devices; and AS/NZS 1716: Respiratory protective devices, in order to make any necessary changes for individual circumstances.

**Eye Protection**

Safety glasses with full face shield should be used. Eye protection devices should conform to relevant regulations - AS/NZS 1337 - Eye protectors for industrial applications.

**Hand Protection**

Wear gloves of impervious material such as rubber or plastic. Final choice of appropriate gloves will vary according to individual circumstances, i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

**Body Protection**

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist, is recommended. Chemical resistant apron is recommended where large quantities are handled.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**Form**

Liquid

**Appearance**

Clear colourless to pale yellow liquid

**Colour**

Colourless to pale yellow

**Odour**

Chlorine

**Boiling Point**

100C

**Solubility in Water**

Miscible in all proportions

**Specific Gravity**

1.10

**pH**

11.5-12.5

**Volatile Component**

>60% (water)

**Flash Point**

Not available

**Flammability**

Not flammable

**Other Information**

Oxidiser. Contact with incompatible materials may cause fire. Contact with acids will generate chlorine, toxic and corrosive gas. May react violently with reducing agents. Can react with primary aliphatic and aromatic amines, methanol and nitrites to give explosive products. May react vigorously with oxidising agents. Incompatible with most metals. Will decompose on standing, generating chlorine. Decomposition will be accelerated by contamination and by exposure to sun light. May react vigorously with peroxides and metal salts. On long storage, may generate pressure inside sealed containers. Open cautiously.

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**10. STABILITY AND REACTIVITY**

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**Reactivity**

Reacts with incompatible materials

**Chemical Stability**

Decomposes on heating to emit toxic fumes. Heating can cause expansion of containers or decomposition leading to violent rupture of containers. Reacts vigorously with acids to produce dangerous levels of gaseous chlorine. Reacts with amines, ammonium salts, aziridine, methanol, phenylacetonitrile, metal salts, peroxides and reducing agents.

**Conditions to Avoid**

Heat, sparks, open flames, other ignition sources and direct sunlight.

**Hazardous Decomposition Products**

May evolve toxic oxides of chlorine if involved in a fire.

**Hazardous Polymerization**

Not available

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**11. TOXICOLOGICAL INFORMATION**

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**Toxicology Information**

No toxicity data available for this material. The available acute toxicity data for the ingredient/s is/are given below.

**Acute Toxicity - Oral**

Chlorine

LC50(rat): 293 ppm/ 1 hour

LCLo(human): 2530 mg/m<sup>3</sup>/ 30 minutes h

**Ingestion**

Will cause irritation and corrosion of the mouth, throat and gastrointestinal tract. May cause pain and vomiting.

**Inhalation**

Inhalation of chlorine gas at 1 ppm will irritate the mouth, nose and throat. Above 1.3 ppm, vapours may cause coughing and difficulty in breathing. Risk of delayed onset of pulmonary oedema (fluid in the lungs).

**Skin**

Causes skin irritation. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.

**Eye**

Causes eye damage. Eye contact will cause stinging, blurring, tearing, severe pain and possible burns, necrosis, permanent damage and blindness.

**Other Information**

Repeated skin contact may lead to dermatitis or chloracne. Repeated, low level exposure to chlorine vapours may cause corrosion of the teeth.

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**12. ECOLOGICAL INFORMATION**

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**Ecotoxicity**

Toxic to aquatic life.

**Environmental Protection**

Avoid contaminating waterways.

Do not discharge this material into waterways, drains and sewers.

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**13. DISPOSAL CONSIDERATIONS**

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**Waste Disposal**

Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.

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**14. TRANSPORT INFORMATION**

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**Transport Information**

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)  
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea

**U.N. Number**

None Allocated

**UN proper shipping name**

None Allocated

**Transport hazard class(es)**

None Allocated

**IMDG Marine pollutant**

No

**Transport in Bulk**

Not available

**Special Precautions for User**

Not available

## 15. REGULATORY INFORMATION

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### 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.

Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

### Poisons Schedule

S5

## 16. OTHER INFORMATION

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### 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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## END OF SDS

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