



Material Safety Data Sheet

TITAN SPA CLEANER

Infosafe No.: 1JA8R
ISSUED Date : 11/01/2016
ISSUED by: JASOL AUSTRALIA

CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name

TITAN SPA CLEANER

Company Name

JASOL AUSTRALIA

Address

Level 3, 187 Todd Road PORT MELBOURNE
VIC 3207

Emergency Tel.

1800 629 953

Telephone/Fax Number

Tel: 1800 334 679

Fax: 03 9580 9902

Recommended Use

Spa cleaner. Fill the spa to the recommended line usually 40mm above the water jets. Cold water can be used. Add 50ml of Spa Cleaner to the water and let run for 5 minutes. Let the water sit for at least another 5 or 6 minutes. If the foam shows a brown discolouring body fat is evident. Run for another 2 or 3 minutes and drain. It is recommended to clean the spa after each use.

2. HAZARD IDENTIFICATION

Hazard Classification

HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).

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

Risk Phrase(s)

R36/38 Irritating to eyes and skin.

Safety Phrase(s)

S2 Keep out of reach of children.

S45 In case of accident or if you feel unwell seek medical advice immediately

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

Other Information

Quaternary ammonium salt 350 mg/kg oral, rat

Surfactant 3,000 mg/kg oral, mouse

3,000 mg/kg skin, mouse

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization

Liquid

Ingredients

Name	CAS	Proportion
Glycoethers		0-10 %
Water	7732-18-5	30-60 %
Quaternary Ammonium Compound	63449-41-2	0-10 %
Surfactants		0-10 %
Other ingredients determined not to be hazardous	Not Required	0-10 %

4. FIRST-AID MEASURES

Inhalation

Remove from exposure.

Ingestion

Rinse mouth with water. Do not induce vomiting. Give a glass of water. Seek medical advice.

Skin

If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

Eye

If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

First Aid Facilities

Eye wash station and normal washroom facilities.

Advice to Doctor

Product contains a dilute propylene glycol ether, a quaternary ammonium salt, and detergent in slightly alkaline aqueous solution. Contact Poisons Information Centre.

Symptoms and Effects

No adverse health effects expected if the product is handled in accordance with this MSDS and the product label.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing media appropriate to surrounding fire. Use water spray to cool containers and surrounds.

Specific Hazards

Not flammable.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Disposal of small spillages only. For large spillages liquids should be contained using sand or earth, and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages. CAUTION: Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and, for flammable materials, shut off all possible sources of ignition. CARE! Spillages will be slippery. If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water. Ventilate area to dispel any residual vapours.

7. HANDLING AND STORAGE

Conditions for Safe Storage

Store in a cool, well ventilated place, out of reach of children. Large quantities should be stored in a banded area. Store in original container. Keep away from acids and oxidising agents. Prevent vapours from collecting in low lying or enclosed spaces. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards

No Exposure Limit Established

Other Exposure Information

No value assigned by the National Occupational Health and Safety Commission (Worksafe Australia).

Engineering Controls

Consider local mechanical exhaust/extraction to keep airborne contamination below TLV.

Personal Protective Equipment

Avoid contact with the skin and eyes. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-

Safety glasses

Gloves, rubber

Overalls.

Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Appearance

Clear, mobile liquid with a fresh fragrance.

Odour

Fresh fragrance.

Boiling Point

100C

Solubility in Water

Miscible at all concentrations

Specific Gravity

1.0

pH Value

6-8.5

Vapour Pressure

No data

Flash Point

None

Flammability

Not flammable.

10. STABILITY AND REACTIVITY

Hazardous Decomposition Products

Water vapour, carbon dioxide, oxides of nitrogen, trace of hydrogen chloride.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

No toxicity information is available for this product.

Inhalation

Neat solutions may cause headaches, dizziness and nausea.

Ingestion

Corrosive and capable of burns to the mouth. Could cause abdominal irritation, pain & vomiting.

Skin

The liquid is discomforting to the skin. It is absorbed by the skin and repeated exposure may cause allergic reactions.

Eye

May produce moderate eye irritation leading to inflammation.

Chronic Effects

Repeated skin contact with the concentrate may lead to dermatitic effects.

12. ECOLOGICAL INFORMATION

Persistence / Degradability

The detergent used in this product is biodegradable according to Australian Standard AS1792-1976. Prevent spills entering natural waters.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

Refer to Land Waste Management Authority in your State.

14. TRANSPORT INFORMATION

Transport Information

Non regulated.

U.N. Number

None Allocated

Proper Shipping Name

None Allocated

DG Class

None Allocated

Packing Group

None Allocated

15. REGULATORY INFORMATION

Regulatory information

Classified as hazardous according to criteria of NOHSC

HAZARDOUS SUBSTANCE.

SCHEDULED POISON.

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).

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

Poisons Schedule

S5

Hazard Category

Irritant

16. OTHER INFORMATION

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,

Signature of Preparer/Data Service

Technical manager

Tel. (08) 9337 4844

END OF MSDS

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