

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND THE SUPPLIER

Product Name: HOT TANK A.C.

Recommended use: Mild alkaline aluminium cleaner

Supplier: Challenge Chemicals Australia
ABN: 68 059 129 568
Street Address: 6 Butcher Street
KWINANA
PERTH W.A. 6167

Telephone: (08) 9419 5577
Facsimile: (08) 9419 4958

Emergency Telephone number: (08) 9419 5577 (7.00am to 4.30pm)
0418 923 266

2. HAZARDS IDENTIFICATION

Non Hazardous according to criteria of NOHSC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Appearance: *Blue, thin liquid with no discernible odour.*

All the constituents of this materials are listed on the Australian Inventory of Chemical Substances (AICS).

MATERIAL SAFETY DATA SHEET

Hazard Classification: Non dangerous goods, Non hazardous substance

Class: Not applicable

Poisons Schedule: Schedule 5

4. FIRST AID MEASURES

Poison Information Centers in each State capital city can provide additional assistance for scheduled poisons. Ring 13 11 26.

Ingestion: Immediately rinse mouth with water. Give water to drink. Do NOT induce vomiting. If vomiting occurs, place victim's face downwards, head lower than hips to prevent vomit entering lungs. Seek immediate medical assistance.

Eye Contact: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Seek medical attention if irritation persists.

Skin Contact: Immediately wash contaminated skin with plenty of water. For gross contamination, immediately drench with water and remove clothing. Remove contaminated clothing and wash before re-use.

Inhalation: Remove victim from exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. For all but the most minor symptoms arrange for patient to be seen by a doctor as soon as possible, either on site or at the nearest hospital.

Notes to physician: Treat symptomatically and as for alkaline material

5. FIRE-FIGHTING MEASURES

Fire fighting further advice: Not combustible. Keep containers cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

Suitable extinguishing media: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

6. ACCIDENTAL RELEASE MEASURES

Slippery when spilt. Clear area of all unprotected personnel. Wear protective equipment to prevent skin and eye contamination. Contain using sand and soil – prevent runoff into drains and waterways. Use absorbent (soil or sand, inert material, vermiculite). Collect and seal in properly labeled containers for disposal. If contamination of sewers or waterways has occurred advise the local emergency services.

7. HANDLING AND STORAGE

Storage: Keep containers closed at all times. Store in cool area away from acids and foodstuffs. Do not store in aluminum or galvanized containers or use die-cast zinc or aluminum bungs. Plastic or steel bungs should be used. Observe good occupational hygiene. Wash hands before eating and remove contaminated clothing before entering eating areas.

MATERIAL SAFETY DATA SHEET

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits.

No value assigned for this specific material by the National Occupational Health and Safety Commission (Worksafe Australia)

Engineering Measures: Ensure good ventilation when using product.

Personal Protection Equipment: Avoid skin and eye contact. Wear protective clothing, footwear, pvc or rubber gloves and safety glasses, goggles or face mask.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Blue, thin liquid with no discernible odour.

Specific Gravity: 1.07

Rel Vapour Density: Not determined

Vapour Pressure: Not determined

Flash Point: Not applicable

Flammability Limits: Not applicable

Autoignition Temp (C): Not applicable

% Volatile by Volume: 79%

Solubility in Water: Nil

Melting Point (C): Not determined/applicable

Boiling Point (C): Not determined

Decomp. Point (C): Not determined

Sublimation Point: Not determined

pH: 13.0

Viscosity: Not determined

Evaporation Rate: Not determined

10. STABILITY AND REACTIVITY

Stability: Shelf life: HOT TANK A.C. when stored in a cool area is a stable product and will not deteriorate within a reasonable time. Avoid conditions of heat and freezing. Avoid contact with aluminum, zinc, brass, galvanized and painted surfaces and acids.

11. TOXICOLOGICAL INFORMATION

Main Symptoms: No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

Acute

Ingestion: Swallowing may result in nausea, vomiting, diarrhoea, abdominal pain, swelling of the larynx, burns to oesophagus and stomach.

Eye Contact: An eye irritant. Contamination of the eyes may result in permanent injury. Contact can cause corneal burns.

Skin Contact: Contact with skin may result in irritation. Repeated or prolonged skin contact may lead to irritant contact dermatitis.

Inhalation: Inhalation of mists will result in respiratory irritation and possible harmful corrosive effects including lesions of the nasal septum, pulmonary oedema, pneumonitis and emphysema.

Chronic: No data available.

Toxicity Data: No data available for HOT TANK A.C.

MATERIAL SAFETY DATA SHEET

12. ECOLOGICAL INFORMATION

No data available for HOT TANK A.C.

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Refer to State Land Waste Management Authority. Alternatively, normally suitable for disposal at an approved land waste site.

14. TRANSPORT INFORMATION

Classified as Non Dangerous Goods for the purpose of transport by road or rail

15. REGULATORY INFORMATION

Non Hazardous according to criteria of Worksafe Australia.

Poisons Schedule (AUST) Toxic Substance (NZ): Schedule 5

16. OTHER INFORMATION

This MSDS summarises at the date of issue or 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 Challenge Chemicals Australia and its subsidiaries 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 sent to our customers and is also available upon request.

END OF M.S.D.S.