

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND THE SUPPLIER

Product Name: CHEMTREAT 652

Recommended use: Antifoam for Water Systems

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

Telephone: (08) 9419 5577
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Emergency Telephone number: (08) 9419 5577 (7.00am to 4.30pm)
0419 049 003

2. HAZARDS IDENTIFICATION

Non Hazardous according to Australian WHS regulations.
No signal words, pictograms, hazard or precautionary statements have been allocated.
No information provided for other hazards.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended use: Antifoam for water systems.

Appearance: White opaque liquid with mild acrylic odour.

CHEMICAL ENTITY	CAS NO.	EC Number	Content
All other ingredients determined to be Non Hazardous.	Not Available	Not Available	100%

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

4. FIRST AID MEASURES

Poison Information Centres 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 assistance 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: Considered not to be a health risk via this route.

Important Symptoms: See section 11 for more detailed information on health effects and symptoms.

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Fire fighting further advice: Not combustible. 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).

Special Hazards: Not combustible. May evolve toxic gases when heated to decomposition.

Hazchem Code: None allocated.

6. ACCIDENTAL RELEASE MEASURES

Slippery when spilt. 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.

Wear personal protective equipment as detailed in section 8 of the SDS.

7. HANDLING AND STORAGE

Storage: Store in cool area away from foodstuffs and incompatible substances. Keep containers sealed and in upright position. Wash hands before smoking and eating.

Before use carefully read the product label. Safe working practices are recommended.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits.

Biological Limits: No biological limits entered for this product.

As published by the National Occupational Health and Safety Commission (Worksafe Australia).

Peak limitation – a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

This exposure standard is a guide to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering Measures: None required.

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Personal Protection Equipment: Not required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: White opaque liquid with mild acrylic odour.

Specific Gravity : 1.01	Melting Point (C): Not applicable
Rel Vapour Density: Not determined	Boiling Point (C): 100°C
Vapour Pressure : Not determined	Decomp. Point (C): Not determined
Flash Point: Not determined	Sublimation Point: Not applicable
Flammability Limits: Not determined	pH: 5.0
Autoignition Temp (C): Not determined	Viscosity: 200 mPas @ 20°C
% Volatile by Volume: 70	Evaporation Rate: Not determined
Solubility in Water: 100%	

10. STABILITY AND REACTIVITY

Stability: Stable

Reactivity: Carefully review all information provided below.

Hazardous Polymerisation: Will not occur.

Conditions to Avoid: Avoid open flames, heat, sparks and any other ignition sources.

Materials to Avoid: Oxidising agents, acids, reducing agents, heat and ignition sources.

Hazardous Decomposition Products: May evolve toxic gases when heated to decomposition.

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 Toxicity: Based on the available data this product is expected to be of low toxicity.

Ingestion: Swallowing may result in nausea, vomiting, diarrhoea and abdominal pain

Eye Contact: An eye irritant.

Skin Contact: Contact with skin may result in irritation.

Inhalation: Inhalation of mists may result in respiratory irritation.

Sensitisation: No sensitisation to skin or respiratory system.

Mutagenicity Carcinogenicity and Reproductive Toxicity: Not classified as a mutagen, carcinogen or reproductive toxin.

Specific Target Organ Toxicity (STOT-RE & STOT-SE): Not classified as causing organ damage from single exposure. Not classified as causing organ damage from repeated exposure.

Aspiration Hazard: Not classified as causing aspiration.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information provided.

Bioaccumulative Potential: No information provided.

Persistence and Degradability: No information provided.

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Mobility in Soil: No information provided.

Other adverse effects: No information provided.

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Small spills may be absorbed with sand /soil, vermiculite or similar materials. Alternatively, normally suitable for disposal at approved land waste site.

Dispose of waste water according to local, state and federal regulations.

14. TRANSPORT INFORMATION

Not Classified as Dangerous Goods according to ADG7, IATA-DGR and IMDG codes.

Environmental Hazards: No information provided.

Special Precautions: No information provided.

Hazchem Code: None allocated.

15. REGULATORY INFORMATION

Poison Schedule: No poison schedule number allocated as per SUSMP criteria.

Inventory Listings: All ingredients are listed in the Australian Inventory of Chemical Substances, AICS.

Classified and User Label Information: Classification and labelling have been performed according to regulations.

16. OTHER INFORMATION

Abbreviations and Acronyms:

ADG7 -	Australian Code for the Transport of Dangerous Goods 7 th edition.
AICS -	Australian Inventory of Chemical Substance.
Cas No -	Chemical Abstracts Service Number (or CAS Registry Number).
EC Number -	European Community Number.
EMS -	Emergency Schedules (emergency procedures for ships carrying dangerous goods).
GHS -	Globally Harmonised System of Classification and Labelling of Chemicals.
GTEPG -	Group Text Emergency Procedures Guide.
Hazchem -	Emergency Action Code of Numbers and Letters that provide information to emergency services.
IATA-DGR -	Dangerous Goods Regulations by the International Air Transport Association.
IMDG -	International Maritime Code for Dangerous Goods.
LC50-	Lethal Concentration 50% / Median Lethal Concentratio.
LD50-	Lethal Dose 50% / Median Lethal Dose
PH -	Relates to Hydrogen Ion Concentration using a scale of 0 (High Acidic) to 14 (High Alkaline).
SDS -	Safety Data Sheet.
STOT-RE -	Specific Target Organ Toxicity (Repeated Exposure).
STOT-SE -	Specific Target Organ Toxicity (Single Exposure).
SUSMP -	Standard for the Uniform Scheduling of Medicines and Poisons.
TWA-	Time Weighted Average.

This SDS 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 SDS 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.

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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.

Date of SDS Preparation: 17/01/2018

Edition, Revision: Edition A, Revision 2

Reason for Issue: GHS Update