



# TANK FRESHENER

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

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### SECTION 1: Identification : Product identifier and chemical identity

#### 1.1. Product identifier

Product form : Mixture  
Trade name : TANK FRESHENER  
Product code : 30270-TBV

#### 1.2. Recommended uses and restrictions

Recommended use : Additive for the grey-water tank of recreational vehicles

#### 1.3. Supplier information

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### SECTION 2: Hazards identification

#### 2.1. Classification of the hazardous chemical

Classification (GHS-AU)

#### 2.2. Label elements

Precautionary statements (GHS-AU) : P102 - Keep out of reach of children

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

No additional information available

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  
First-aid measures after inhalation : Not expected to require first aid measures.  
First-aid measures after skin contact : Remove contaminated clothing and shoes. Flush with plenty of water.  
First-aid measures after eye contact : In case of eye contact, immediately rinse with clean water for 10-15 minutes. Seek medical attention if irritation develops.  
First-aid measures after ingestion : Rinse mouth. If swallowed, seek medical advice immediately and show this container or label.

#### 4.2. Symptoms caused by exposure

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Foam. Carbon dioxide. Dry powder.  
Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : The product is not flammable.  
General measures : Wear suitable protective clothing. Can be slippery on hard, smooth walking area. Clean spills promptly.

#### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.  
Protection during firefighting : Self-contained breathing apparatus recommended.

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Wear suitable protective clothing. Can be slippery on hard, smooth walking area. Clean spills promptly.

##### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent any contamination of surface water or groundwater by the undiluted product. Product should be treated (biological waste water treatment) before entering surface waters.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Use sand or absorptive granules to soak up any spilled product and store it in a container. Next, rinse the contaminated surface with water and leave it to dry. Dispose of in accordance with the procedure set out in section 13.

### SECTION 7: Handling and storage, including how the chemical may be safely used

#### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Keep container tightly closed.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store at a temperature between 5 °C and 40 °C. Keep away from food, drink and animal feeding stuffs.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters - exposure standards

##### Exposure limit values for the other components

#### 8.2. Monitoring

No additional information available

#### 8.3. Appropriate engineering controls

No additional information available

#### 8.4. Personal protective equipment

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear protective gloves

Eye protection : Chemical goggles or safety glasses

Respiratory protection : Wear appropriate mask

Other information : Read the instructions for use before handling and dispensing this product. When using, do not eat, drink or smoke.

### 9.1. SECTION 9: Physical and chemical properties

Physical state : Liquid

Appearance :

Colour : Blue-green

Odour : Pine.

Odour threshold : No data available

pH : 3,7 - 4,3

Relative evaporation rate (butylacetate=1) : No data available

Melting point / Freezing point : Melting point : 0 °C

Boiling point : ~ 100 °C

Flash point : > 100 °C

Auto-ignition temperature : No data available

Flammability (solid, gas) : No data available

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Vapour pressure	: No data available
Relative density	: No data available
Density	: Density : 1 - 1,015
Solubility	: Water: 100 %
Log Pow	: No data available
Viscosity	: Viscosity, dynamic : $\geq 80$ mPa.s
Explosive properties	: No data available.
Oxidising properties	: Not known
Explosive limits	: No data available
Minimum ignition energy	: No data available
VOC content	: < 0,1 %
Fat solubility	: No data available

### 10.1. SECTION 10: Stability and reactivity

Chemical stability	: Stable up to 50°C. At an average temperature of 30°C, Tank Freshener can be kept for several years. After a few years, there might be a slight reduction in strength.
Possibility of hazardous reactions	: Not established.
Conditions to avoid	: See section 7.
Hazardous decomposition products	: According to process conditions, hazardous decomposition products may be generated. Carbon dioxide. Carbon monoxide.

### 11.1. SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified pH: 3,7 - 4,3
Serious eye damage/irritation	: Not classified pH: 3,7 - 4,3
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

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Density	1 - 1,015
Viscosity, dynamic	$\geq 80$ mPa.s

Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met
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### SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets , Environmental classification information is not mandatory . Information relevant for GHS classification is available on request

#### 12.1. Ecotoxicity

Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified
Other information	: Avoid release to the environment.

#### Sodiumcapryliminodipropionate (94441-92-6)

LC50 fish 1	> 100 mg/l
EC50 other aquatic organisms 1	> 100 mg/l
EC50 other aquatic organisms 2	IC50 algae (72 h) mg/l

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<b>2-BROMO-2-NITROPROPANE-1,3-DIOL (52-51-7)</b>	
LC50 fish 1	8,6 mg/l Brachydanio rerio
EC50 Daphnia 2	1,08 mg/l Daphnia magna
EC50 other aquatic organisms 1	1,4 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	0,4 mg/l IC50 alga (72 h) mg/l
<b>CITRIC ACID (77-92-9)</b>	
LC50 fish 1	> 100 mg/l
EC50 other aquatic organisms 1	85 mg/l
EC50 other aquatic organisms 2	IC50 alga (72 h) mg/l
Log Pow	-1,64
<b>TERPINEOL (8000-41-7)</b>	
LC50 fish 1	62 mg/l
EC50 other aquatic organisms 1	73 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	68 mg/l IC50 alga (72 h) mg/l
Log Pow	3,33
<b>COUMARIN (91-64-5)</b>	
LC50 fish 1	56 mg/l
EC50 other aquatic organisms 1	13,5 mg/l EC50 waterflea (48 h)
Log Pow	1,39
<b>BENZISOTHIAZOLINONE (2634-33-5)</b>	
LC50 fish 1	2,18 mg/l
EC50 other aquatic organisms 1	2,94 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	0,11 mg/l IC50 alga (72 h) mg/l
<b>SODIUM CITRATE (68-04-2)</b>	
LC50 fish 1	> 18000 mg/l
<b>SODIUM LAURETH SULFATE (68891-38-3)</b>	
LC50 fish 1	> 1 mg/l
EC50 other aquatic organisms 1	> 1 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	> 10 mg/l IC50 alga (72 h) mg/l
<b>ETIDRONIC ACID (2809-21-4)</b>	
LC50 fish 1	195 mg/l
EC50 other aquatic organisms 1	527 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	7,2 mg/l IC50 alga (72 h) mg/l
Log Pow	-0,81
<b>XANTHAN GUM (11138-66-2)</b>	
LC50 fish 1	490 mg/l
EC50 other aquatic organisms 1	980 mg/l EC50 waterflea (48 h)
<b>2,6-DIMETHYL-7-OCTEN-2-OL (18479-58-8)</b>	
LC50 fish 1	4,81 mg/l
EC50 Daphnia 1	5,7 mg/l
Bioconcentration factor (BCF REACH)	64,8
Log Pow	3,25
<b>ALPHA-PINENES (80-56-8)</b>	
LC50 fish 1	0,28 mg/l
EC50 other aquatic organisms 1	1,44 mg/l EC50 waterflea (48 h)

### 12.2. Persistence and degradability

<b>TANK FRESHENER</b>	
Persistence and degradability	The surfactant used in this product shows a biodegradability of > 60 % (readily biodegradable), according to OECD 301 D, Closed Bottle Test (Information of manufacturer). The fragrance is > 60 % biodegradable according to OECD 301D, Closed Bottle Test.

### 12.3. Bioaccumulative potential

<b>TANK FRESHENER</b>	
Bioaccumulative potential	Not established.

### 12.4. Mobility in soil

No additional information available

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### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available

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Fluorinated greenhouse gases	False
GWPmix comment	No known effects from this product.

## SECTION 13: Disposal considerations

Waste treatment methods : Rinsed packaging may be used for recycling.  
Waste disposal recommendations : Product residues should be treated as chemical waste in accordance with government regulations.  
Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

### 14.1. UN number

Not regulated for transport

### 14.2. Proper Shipping Name - Addition

Not applicable

### 14.3. Transport hazard class(es)

#### ADG

Transport hazard class(es) (ADG) : Not applicable

#### IMDG

Transport hazard class(es) (IMDG) : Not applicable

#### IATA

Transport hazard class(es) (IATA) : Not applicable

### 14.4. Packing group

Packing group (ADG) : Not applicable  
Packing group (IMDG) : Not applicable  
Packing group (IATA) : Not applicable

### 14.5. Environmental hazards

Marine pollutant : No

### 14.6. Special precautions for user

Specific storage requirement : No data available  
Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available

### Transport by road and rail

Not applicable

### Transport by sea

Not applicable

### Air transport

Not applicable

### 14.8. Hazchem or Emergency Action Code

Hazchemcode : Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

No additional information available

### 15.2. International agreements

No additional information available

## SECTION 16: Any other relevant information

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Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Revision date : 27/05/2016

Other information : None.

Classification:

Not classified	
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Full text of H-statements:

Flam. Liq. Not classified	Flammable liquids Not classified
ERC8a	Wide dispersive indoor use of processing aids in open systems
PC35	Washing and cleaning products (including solvent based products)
SU21	Consumer uses: Private households (= general public = consumers)

SDS Australia

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*