



# SAFETY DATA SHEET

## Section 1 - Identification

**Product identifier** Nemacur® 400 Nematicide Liquid

### Other means of identification

**Product registration number** 33295

**SDS No.** 587

### Recommended use of the chemical and restrictions on use

**Recommended use** Organophosphate nematicide/insecticide.

**Restrictions on use** No other uses are advised.  
Keep out of the Reach of Children!

### Details of manufacturer or importer

#### Manufacturer

**Company name** AgNova Technologies Pty Ltd  
**Address** Unit 4, 482 Kingsford Smith Drive  
 Hamilton, Queensland 4007  
 Australia  
**Telephone** AgNova Technologies Pty Ltd 03 9899 8100 (office hours)  
**Website** agnova.com.au  
**E-mail** info@agnova.com.au  
**Emergency phone number** IXOM ERS 1800 033 111 (24 hours)  
 Poisons Information Centre 13 11 26

## Section 2 - Hazard(s) identification

### Classification of the hazardous chemical

<b>Physical hazards</b>	Flammable liquids	Category 4
<b>Health hazards</b>	Acute toxicity, oral	Category 2
	Acute toxicity, dermal	Category 2
	Acute toxicity, inhalation	Category 2
	Serious eye damage/eye irritation	Category 1
	Carcinogenicity	Category 2
	Specific target organ toxicity following single exposure	Category 3 narcotic effects
	Aspiration hazard	Category 1
<b>Environmental hazards</b>	Hazardous to the aquatic environment, acute hazard	Category 1
	Hazardous to the aquatic environment, long-term hazard	Category 1

### Label elements, including precautionary statements

#### Hazard symbol(s)



Skull and crossbones

Corrosion

Health hazard

Environment

#### Signal word

Danger

**Hazard statement(s)** Combustible liquid.  
 Fatal if swallowed.  
 Fatal in contact with skin.  
 Fatal if inhaled.  
 Causes serious eye damage.  
 Suspected of causing cancer.  
 May cause drowsiness or dizziness.  
 May be fatal if swallowed and enters airways.  
 Very toxic to aquatic life.  
 Very toxic to aquatic life with long lasting effects.

**Precautionary statement(s)**

**Prevention**

Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Use only outdoors or in a well-ventilated area.  
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 Wear respiratory protection.  
 Do not breathe dust/fume/gas/mist/vapours/spray.  
 Do not get in eyes, on skin, or on clothing.  
 Do not eat, drink or smoke when using this product.  
 Avoid release to the environment.  
 Wash thoroughly after handling.

**Response**

IF SWALLOWED: Immediately call a POISON CENTRE/doctor. Rinse mouth.  
 Do NOT induce vomiting.  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 Immediately call a POISON CENTRE/doctor.  
 IF ON SKIN: Wash with plenty of water. Immediately call a POISON CENTRE/doctor.  
 Take off immediately all contaminated clothing and wash it before reuse.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 Immediately call a POISON CENTRE/doctor.  
 Specific treatment is urgent (see this label).  
 In case of fire: Use appropriate media to extinguish.  
 Collect spillage.

**Storage**

Store locked up.

**Disposal**

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

**Supplemental information**

None.

**Other hazards which do not result in classification**

None known.

**Section 3 - Composition and information on ingredients**

**Mixture**

Identity of chemical ingredients	CAS number and other unique identifiers	Concentration of ingredients
Fenamiphos	22224-92-6	400 g/L
Solvent naphtha (petroleum), heavy aromatic	64742-94-5	20 - 30 %
Propylene glycol	57-55-6	10 - 20 %
Surfactant	Proprietary	10 - 30 %

**Additional components**

Identity of chemical ingredients	CAS number and other unique identifiers	Concentration of ingredients
Other Ingredients - non hazardous	N/A	10 - 20 %

**Constituents**

Identity of chemical ingredients	CAS number and other unique identifiers	Concentration of ingredients
Naphthalene	91-20-3	< 2.5 %
1,2,4-Trimethyl benzene	95-63-6	< 1.5 %

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

**Composition comments**

Occupational Exposure Limits for constituents are listed in Section 8.

## Section 4 - First aid measures

### Description of necessary first aid measures

<b>Inhalation</b>	Move to fresh air. If breathing stops, provide artificial respiration. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician or poison control centre immediately.
<b>Skin contact</b>	Remove contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Call a physician or poison control centre immediately.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control centre immediately.
<b>Ingestion</b>	Call a physician or poison centre immediately. Rinse mouth thoroughly. Do not induce vomiting without advice from poison control centre. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

**Personal protection for first-aid responders** If exposed or concerned, call The Poisons Information Centre. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call. First aider: Pay attention to self-protection. Keep victim under observation.

**Symptoms caused by exposure** Aspiration may cause pulmonary oedema and pneumonitis. Causes serious eye damage. Acute cholinesterase depression may be evidenced by headache, nausea, vomiting, diarrhea, abdominal cramps, excessive sweating, salivation and tearing, constricted pupils, blurred vision, tightness in chest, weakness, muscle twitching and confusion; in extreme cases unconsciousness, convulsions, severe respiratory depression and death may occur. Repeated exposures to small doses of organophosphates may lower the cholinesterase to levels where the above symptoms of acute overexposure are observed.

**Medical attention and special treatment** Treat symptomatically. Keep victim under observation. Symptoms may be delayed. This product is an Organophosphate (OP) Insecticide. Do not handle the patient without the following protective equipment in place: chemical resistant gloves and apron (preferably nitrile). Remove contaminated clothing and do not reuse without thorough cleaning with detergent and hot water. Do not wait for laboratory confirmation to treat patients with strong clinical evidence of poisoning. Contact your local or national poison control centre for more information.

Establish airway and oxygenation. IV Atropine sulphate is the antidote of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, Atropine sulphate should be injected at 10 minute intervals in doses of 1 to 2 milligrams until complete atropinisation has occurred. Pralidoxime chloride (2-PAM chloride) may also be used as an effective antidote in addition to and while maintaining full atropinisation. In adults, an initial dose of 1 gram of 2-PAM should be injected, preferably as an infusion, in 250 cc of saline over a 15 to 20 minute period. If this is not practical, 2-PAM may be administered slowly by intravenous injection as a 5% solution in water over not less than 2 minutes. After about an hour, a second dose of 1 gram of 2-PAM will be indicated if muscle weakness has not been relieved. For infants and children, the dose of 2-PAM is 0.25 grams. Avoid morphine, aminophylline, phenothiazine, reserpine, furosemide and ethacrynic acid. Clear chest by postural drainage. Oxygen administration may be necessary. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until time for cholinesterase regeneration has been attained as determined by a blood test. Bathe and shampoo contaminated skin and hair. If ingested, empty stomach; activated charcoal is useful to further limit absorption. If victim is alert, Syrup of Ipecac (2 tablespoons in adults, 1 tablespoon in small children) is indicated. If symptoms such as loss of gag reflex, convulsions, or unconsciousness occur before emesis, gastric lavage should be considered following intubation with a cuffed endotracheal tube.

## Section 5 - Firefighting measures

### Extinguishing media

<b>Suitable extinguishing equipment</b>	Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ). Water spray. Water fog.
<b>Unsuitable extinguishing equipment</b>	Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical** During fire, gases hazardous to health may be formed. Vapours may travel considerable distance to a source of ignition and flash back.

**Special protective equipment and precautions for firefighters** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire fighting equipment/instructions** In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

**Hazchem code** 2X

**General fire hazards** Combustible liquid.

**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials.

## Section 6 - Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** Do not breathe vapours or spray mist. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**For emergency responders** Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.

### Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

### Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Use water spray to reduce vapours or divert vapour cloud drift. Prevent entry into waterways, sewer, basements or confined areas.

Large Spills: Stop the flow of material, if this is without risk. Dyke the spilled material, where this is possible. Siphon the spilled liquid into a recovery drum for reuse or disposal, depending on the circumstances. Clean the area as described for a small spill.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Put material in suitable, covered, labeled containers. Decontaminate the area and equipment with dilute alkali or ammonia (less than 5%) and detergent.

Never return spills to original containers for reuse.

## Section 7 - Handling and storage

### Precautions for safe handling

Provide adequate ventilation. Should be handled in closed systems, if possible. Keep away from open flames, hot surfaces and sources of ignition. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Avoid release to the environment. Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

### Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container.

## Section 8 - Exposure controls and personal protection

### Control parameters

Follow standard monitoring procedures.

### Occupational exposure limits

#### Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A)

Components	Type	Value	Form
Fenamiphos (CAS 22224-92-6)	TWA	0.1 mg/m <sup>3</sup>	
Propylene glycol (CAS 57-55-6)	TWA	474 mg/m <sup>3</sup>	Total vapour and particulates.
		10 mg/m <sup>3</sup>	Particulate.
		150 ppm	Total vapour and particulates.

Constituents	Type	Value	
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	123 mg/m <sup>3</sup>	
		25 ppm	
Naphthalene (CAS 91-20-3)	STEL	79 mg/m <sup>3</sup>	
		15 ppm	
		TWA	52 mg/m <sup>3</sup>
		10 ppm	

#### US. ACGIH Threshold Limit Values (TLV)

Components	Type	Value	Form
Fenamiphos (CAS 22224-92-6)	TWA	0.05 mg/m <sup>3</sup>	Inhalable fraction and vapour.

**US. ACGIH Threshold Limit Values (TLV)**

Constituents	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	10 ppm
Naphthalene (CAS 91-20-3)	TWA	10 ppm

**UK. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1**

Components	Type	Value	Form
Propylene glycol (CAS 57-55-6)	TWA	474 mg/m <sup>3</sup>	Total vapour and particulates.
		10 mg/m <sup>3</sup>	Particulate.
		150 ppm	Total vapour and particulates.

Constituents	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	125 mg/m <sup>3</sup>
		25 ppm

**Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG), as updated**

Components	Type	Value	Form
Nemacur 400 (CAS 64742-94-5)	TWA	5 mg/m <sup>3</sup>	Respirable aerosol fraction
		350 mg/m <sup>3</sup>	Vapour.
		50 ppm	Vapour.

Constituents	Type	Value
1,2,4-Trimethyl benzene (CAS 95-63-6)	TWA	100 mg/m <sup>3</sup>
		20 ppm

**Biological limit values****Germany. TRGS 903, BAT List (Biological Limit Values)**

Components	Value	Determinant	Specimen	Sampling Time
Fenamiphos (CAS 22224-92-6)	70 %	Acetylcholinest erase	Reduction from individual baseline activity in red blood cells	*
<b>Constituents</b>	<b>Value</b>	<b>Determinant</b>	<b>Specimen</b>	<b>Sampling Time</b>
1,2,4-Trimethyl benzene (CAS 95-63-6)	400 mg/g	Dimethylbenzo esäuren (Summe aller Isomeren nach Hydrolyse)	Creatinine in urine	*

\* - For sampling details, please see the source document.

**ACGIH Biological Exposure Indices (BEI)**

Components	Value	Determinant	Specimen	Sampling Time
Fenamiphos (CAS 22224-92-6)	70 %	Acetylcholinest erase activity	Reduction from individual baseline activity in red blood cells	*
	60 %	Butyrylcholines terase activity	Serum or Plasma	*

\* - For sampling details, please see the source document.

## Exposure guidelines

### US ACGIH Threshold Limit Values: Skin designation

Fenamiphos (CAS 22224-92-6)

Danger of cutaneous absorption

Naphthalene (CAS 91-20-3)

Danger of cutaneous absorption

### Control banding

Not available.

### Engineering controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

## Individual protection measures, such as personal protective equipment (PPE)

### Eye/face protection

Wear safety glasses with side shields (or goggles). Chemical goggles are recommended.

### Skin protection

#### Hand protection

Wear appropriate chemical resistant gloves. Nitrile gloves are recommended (minimum thickness 0.40 mm). Wash when contaminated. Dispose of gloves when contaminated inside, when perforated or when contamination outside cannot be removed. Always wash hands before eating, drinking, smoking or using the toilet.

#### Other

Long-sleeved shirt and long pants or coveralls, socks and chemical resistant closed toe shoes are required. If there is a possibility of splashing or spillage, a chemical resistant apron or chemical resistant coverall should also be worn. The label should be consulted for more detailed instructions on appropriate PPE.

### Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. The label should be consulted for more specific information with regards to respiratory protection.

### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

### Hygiene measures

Observe any medical surveillance requirements. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## Section 9 - Physical and chemical properties

### Physical state

Liquid.

### Form

Clear solution.

### Colour

Yellow

### Odour

Aromatic solvent.

### Odour threshold

Not available.

### pH

Not available.

### Melting point/freezing point

Not available.

### Boiling point and boiling range

Not available.

### Flash point

65.6 °C (150 °F) (Based on similar formulation)

### Evaporation rate

Not available.

### Flammability (solid, gas)

Not applicable.

### Upper/lower explosive limits

#### Explosion limit - lower (%)

0.8 % (based on aromatic solvent) estimated

#### Explosion limit - upper (%)

12.6 % (based on aromatic solvent) estimated

### Vapour pressure

Not available.

### Vapour density

Not available.

### Relative density

1.05

### Relative density temperature

20 °C (68 °F)

### Solubility

#### Solubility (water)

Emulsifies

### Partition coefficient: n-octanol/water

Not available.

### Auto-ignition temperature

371 °C (700 °F) (based on aromatic solvent) estimated

### Decomposition temperature

Not available.

### Viscosity

Not available.

### Particle characteristics

Not available.

**Data relevant with regard to physical hazard classes** No relevant additional information available.

**Other physical and chemical parameters**

**Explosive properties** Not explosive.  
**Oxidising properties** Not oxidising.

**Section 10 - Stability and reactivity**

**Reactivity** The product is stable and non-reactive under normal conditions of use, storage and transport.  
**Chemical stability** Material is stable under normal conditions.  
**Possibility of hazardous reactions** No dangerous reaction known under conditions of normal use.  
**Conditions to avoid** Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.  
**Incompatible materials** Strong oxidising agents.  
**Hazardous decomposition products** Emits hazardous fumes and smoke of unknown composition when heated to decomposition or burned.

**Section 11 - Toxicological information**

**Information on possible routes of exposure**

**Inhalation** Fatal if inhaled.  
**Skin contact** Fatal in contact with skin.  
**Eye contact** Causes serious eye damage.  
**Ingestion** Fatal if swallowed. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

**Early onset symptoms related to exposure** Aspiration may cause pulmonary oedema and pneumonitis. May cause drowsiness or dizziness. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Acute cholinesterase depression may be evidenced by headache, nausea, vomiting, diarrhea, abdominal cramps, excessive sweating, salivation and tearing, constricted pupils, blurred vision, tightness in chest, weakness, muscle twitching and confusion; in extreme cases, unconsciousness, convulsions, severe respiratory depression and death may occur.

**Delayed health effects from exposure** Not available.

**Acute toxicity** Fatal if swallowed. Fatal in contact with skin. Fatal if inhaled.

Components	Species	Test Results
Fenamiphos (CAS 22224-92-6)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	female rat	92 mg/kg
	male rat	72 mg/kg
	Rabbit	178 mg/kg
<b>Inhalation</b>		
<i>Dust and mist.</i>		
LC50	female rat	0.079 mg/l, 4 h
	male rat	0.065 mg/l, 4 h
<b>Oral</b>		
LD50	female rat	6.1 mg/kg
	male rat	6 mg/kg

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Irritation Corrosion - Skin**

Fenamiphos  
Result: Not an irritant  
Species: Rabbit  
Organ: skin

**Serious eye damage/irritation** Causes serious eye damage.

**Irritation Corrosion - Eye**

Fenamiphos

Result: Irritant  
Species: Rabbit  
Organ: eye**Respiratory or skin sensitisation****Respiratory sensitisation** Not a respiratory sensitiser.**Skin sensitisation** This product is not expected to cause skin sensitisation.**Skin Sensitisation**

Fenamiphos

Result: Not a sensitiser  
Species: Guinea pig  
Organ: skin**Germ cell mutagenicity** Not classified.**Carcinogenicity** Suspected of causing cancer.**ACGIH Carcinogens**

1,2,4-Trimethyl benzene (CAS 95-63-6)

Fenamiphos (CAS 22224-92-6)

Naphthalene (CAS 91-20-3)

A4 Not classifiable as a human carcinogen.

A4 Not classifiable as a human carcinogen.

A3 Confirmed animal carcinogen with unknown relevance to humans.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Naphthalene (CAS 91-20-3)

2B Possibly carcinogenic to humans.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.**Specific target organ toxicity - single exposure** May cause drowsiness or dizziness. Potential neurotoxicity as an organophosphate.**Specific target organ toxicity - repeated exposure** Not classified. Repeated exposures to small doses of organophosphates may lower the cholinesterase to levels where the symptoms of acute overexposure are observed.**Aspiration hazard** May be fatal if swallowed and enters airways.**Chronic effects** Prolonged inhalation may be harmful.**Section 12 - Ecological information****Ecotoxicity** Very toxic to aquatic life with long lasting effects. This product is highly toxic to birds.**Components****Species****Test Results**

Fenamiphos (CAS 22224-92-6)

**Aquatic***Acute*

Species	EC50	Species	Test Results
Algae	EC50	Scenedesmus suspicatus	3.8 mg/l, 72 h
Crustacea	EC50	Daphnia magna	0.0011 mg/l, 48 h
Fish	LC50	Bluegill (Lepomis macrochirus)	0.0093 mg/l, 96 h

**Persistence and degradability** Moderately persistent in the soil environment, with a half-life of approximately 50 days in most soils.**Biodegradability****Percent Degradation (Aerobic Biodegradation)**

Fenamiphos

Result: DT50 (water) = 3.6 days at 20 °C

**Percent Degradation (Aerobic Biodegradation-Soil)**

Fenamiphos

Result: DT50 (water) = 0.4 - 1.4 days at 20 °C

**Bioaccumulative potential** Bioaccumulation is unlikely.**Partition coefficient****n-octanol / water (log Kow)**

Fenamiphos

3.3

**Bioconcentration factor****(BCF)**

Fenamiphos

Result: 110 L/kg wwt.

**Mobility in soil** No data available for this product.**Other adverse effects** The product contains volatile organic compounds which have a photochemical ozone creation potential.

## Section 13 - Disposal considerations

<b>Disposal methods</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Residual waste</b>	Dispose of in accordance with all applicable regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). For help with the collection of unwanted rural chemicals, contact ChemClear 1 800 008 182 <a href="http://www.chemclear.com.au/">http://www.chemclear.com.au/</a> . For help with disposal of empty drums contact DrumMuster <a href="http://www.drummuster.com.au/">http://www.drummuster.com.au/</a> . These sites will give contact details for your area.
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## Section 14 - Transport information

<b>ADG</b>	
<b>UN number</b>	3018
<b>UN proper shipping name</b>	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC (Fenamiphos)
<b>Transport hazard class(es)</b>	
<b>Class</b>	6.1
<b>Subsidiary risk</b>	-
<b>Packing group</b>	II
<b>Environmental hazards</b>	No
<b>Hazchem code</b>	2X
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>RID</b>	
<b>UN number</b>	3018
<b>UN proper shipping name</b>	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC (Fenamiphos)
<b>Transport hazard class(es)</b>	
<b>Class</b>	6.1
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	6.1
<b>Packing group</b>	II
<b>Environmental hazards</b>	Yes
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>IATA</b>	
<b>UN number</b>	3018
<b>UN proper shipping name</b>	Organophosphorus pesticide, liquid, toxic (Fenamiphos)
<b>Transport hazard class(es)</b>	
<b>Class</b>	6.1
<b>Subsidiary risk</b>	-
<b>Packing group</b>	II
<b>Environmental hazards</b>	No
<b>ERG Code</b>	6L
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Other information</b>	
<b>Passenger and cargo aircraft</b>	Allowed with restrictions.
<b>Cargo aircraft only</b>	Allowed with restrictions.
<b>IMDG</b>	
<b>UN number</b>	3018
<b>UN proper shipping name</b>	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC (Fenamiphos), MARINE POLLUTANT
<b>Transport hazard class(es)</b>	
<b>Class</b>	6.1
<b>Subsidiary risk</b>	-
<b>Packing group</b>	II
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	Yes
<b>EmS</b>	F-A, S-A
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not established.

ADG



IATA; IMDG; RID



Marine pollutant



General information

IMDG Regulated Marine Pollutant.

## Section 15 - Regulatory information

### Safety, health and environmental regulations

#### National regulations

This Safety Data Sheet was prepared in accordance with Australia Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals.

#### Australia Medicines & Poisons Appendix B

Propylene glycol (CAS 57-55-6)

#### Australia Medicines & Poisons Appendix E

1,2,4-Trimethyl benzene (CAS 95-63-6)

Naphthalene (CAS 91-20-3)

#### Australia Medicines & Poisons Appendix F

Naphthalene (CAS 91-20-3)

#### Australia Medicines & Poisons Appendix G

Naphthalene (CAS 91-20-3)

#### Australia Medicines & Poisons Schedule 10

Naphthalene (CAS 91-20-3)

#### Australia Medicines & Poisons Schedule 4

Fenamiphos (CAS 22224-92-6)

#### Australia Medicines & Poisons Schedule 5

1,2,4-Trimethyl benzene (CAS 95-63-6)

Solvent naphtha (petroleum), heavy aromatic (CAS 64742-94-5)

#### Australia Medicines & Poisons Schedule 6

Fenamiphos (CAS 22224-92-6)

Naphthalene (CAS 91-20-3)

**Australia Medicines & Poisons Schedule 7**

Fenamiphos (CAS 22224-92-6)

**High Volume Industrial Chemicals (HVIC)**

Propylene glycol (CAS 57-55-6)

10000 - 99999 TONNES See the regulation for additional information.

Solvent naphtha (petroleum), heavy aromatic (CAS 64742-94-5)

10000 - 99999 TONNES See the regulation for additional information.

**Importation of Ozone Depleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10, as amended)**

Not listed.

**National Pollutant Inventory (NPI) substance reporting list**

Not listed.

**Prohibited Carcinogenic Substances**

Not regulated.

**Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)**

Not listed.

**Restricted Carcinogenic Substances**

Not regulated.

**Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)**

Not listed.

**International regulations****Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Kyoto Protocol**

Not applicable.

**Montreal Protocol**

Not applicable.

**Basel Convention**

Naphthalene (CAS 91-20-3)

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**Section 16 - Any other relevant information**

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