

SAFETY DATA SHEET

FERROPRE 7606 PTB OF 1LT KIT

Infosafe No.: HXED1

ISSUED Date : 15/06/2020

ISSUED by: HENKEL AUSTRALIA PTY LTD

1. Identification

GHS Product Identifier

FERROPRE 7606 PTB OF 1LT KIT

Company name

HENKEL AUSTRALIA PTY LTD

Address135-141 Canterbury Road Kilsyth
VIC 3137 AUSTRALIA**Telephone/Fax Number**

Tel: +61 (3) 9724 6444

Emergency phone number

24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

Recommended use of the chemical and restrictions on use

Epoxy Hardener

2. Hazard Identification

GHS classification of the substance/mixture

Eye Damage/Irritation: Category 1

Hazardous to the Aquatic Environment - Long-Term Hazard: Category 2

Sensitization - Skin: Category 1

Skin Corrosion/Irritation: Category 1C

Hazardous to the Aquatic Environment - Acute Hazard: Category 2

Signal Word (s)

DANGER

Hazard Statement (s)

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

Pictogram (s)

Corrosion, Environment, Exclamation mark

**Precautionary statement – Prevention**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash contaminated skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P391 Collect spillage.
P315 Get immediate medical advice/attention.

Precautionary statement – Storage

P405 Store locked up.

Precautionary statement – Disposal

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations..

3. Composition/information on ingredients

Ingredients

Name	CAS	Proportion
Triethylenetetramine	112-24-3	<5 %
2,4,6-Tris(dimethylaminomethyl)phenol	90-72-2	1-3 %
Non hazardous ingredients~		<25 %
C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer	68082-29-1	10-30 %
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine	68082-29-1	10-30 %
TALC	14807-96-6	10-30 %
Amorphous Fumed Silica (cryst. free)	112945-52-5	<10 %

Preparation Description

Type of preparation: Acrylate adhesive

4. First-aid measures

Inhalation

Move to fresh air.
Seek medical advice.

Ingestion

Rinse mouth, do not induce vomiting, consult a doctor.

Skin

Immediately wash skin thoroughly with soap and water.
Seek medical advice.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes.
Immediate medical treatment necessary.

First Aid Facilities

Eye wash and safety shower
Normal washroom facilities

Indication of immediate medical attention and special treatment needed if necessary

Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media

Foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media

Water spray jet

Hazards from Combustion Products

Thermal decomposition can lead to release of irritating gases and vapors.

Carbon monoxide.

Carbon dioxide.

Oxides of nitrogen.

Special Protective Equipment for fire fighters

Wear protective equipment.

Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).

Precautions in connection with Fire

Additional fire fighting advice:

In case of fire, keep containers cool with water spray.

Collect contaminated fire fighting water separately. It must not enter drains.

6. Accidental release measures

Methods And Materials For Containment And Cleaning Up

Collect spilled material with an inert absorbent such as sand or vermiculite. Place in properly labeled closed container.

Dispose of contaminated material as waste according to Section 13.

Personal Precautions

Danger of slipping on spilled product.

Ensure adequate ventilation.

Avoid skin and eye contact.

Wear impervious gloves and chemical splash goggles.

Environmental Precautions

Do not empty into drains / surface water / ground water.

7. Handling and storage

Precautions for Safe Handling

For the Part A plus Part B adhesive mixture, follow curing schedule as recommended in product literature.

Empty containers retain product residue, so obey hazard warnings and handle empty containers as if they were full.

Do not cut, grind, weld, or drill on or near this container.

Avoid breathing mists or aerosols of this product.

Avoid contact with eyes, skin and clothing.

Conditions for safe storage, including any incompatibilities

Store in sealed original container.

Store in a cool, dry place.

Ensure that storage and workrooms are adequately ventilated.

Keep away from heat and direct sunlight.

8. Exposure controls/personal protection

Occupational exposure limit values

TALC, (CONTAINING NO ASBESTOS FIBRES)14807-96-6

TWA (mg/m³): 2.5

SILICA, AMORPHOUS: FUMED SILICA (RESPIRABLE DUST)112945-52-5

form of exposure: Respirable dust.

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TWA (mg/m³): 2

FUMED SILICA (RESPIRABLE DUST)112945-52-5

form of exposure: Respirable dust.

TWA (mg/m³): 2

Appropriate engineering controls

Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

Respiratory Protection

If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

Eye Protection

For eye protection, use tightly fitted safety goggles and a face-shield

Hand Protection

The use of chemical resistant gloves such as Nitrile is recommended.

Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.

Body Protection

Use of an impervious apron is recommended.

9. Physical and chemical properties

Properties	Description	Properties	Description
Form	Paste	Appearance	Black paste
Odour	Amine-like	Density	1.38 - 1.44 g/cm ³

10. Stability and reactivity

Chemical Stability

Stable under normal conditions of temperature and pressure.

Conditions to Avoid

Heat, flames, sparks and other sources of ignition.

Danger of decomposition if exposed to heat.

Avoid mixing resin (Part A) and curing agent (Part B) unless you plan to use immediately.

Incompatible materials

Reaction with strong oxidants.

Reaction with strong acids.

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapors.

Carbon monoxide.

Carbon dioxide.

Oxides of nitrogen.

Hazardous Polymerization

Hazardous polymerization can occur.

11. Toxicological Information

Acute Toxicity - Oral

Hazardous components: C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer

CAS-No.: 68082-29-1

Value type: LD50

Value: > 2,000 mg/kg

Route of application: Oral

Species: Rat

Method: OECD Guideline 423 (Acute Oral toxicity)

Hazardous components: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine

CAS-No.: 68082-29-1

Value type: LD50

Value: > 2,000 mg/kg

Route of application: Oral

Species: Rat

Hazardous components: Triethylenetetramine

CAS-No.: 112-24-3

Value type: LD50

Value: 1,591.4 mg/kg

Route of application: Oral

Species: Rat

Method: OECD Guideline 401 (Acute Oral Toxicity)

Hazardous components: 2,4,6-Tris(dimethylaminomethyl)phenol

CAS-No.: 90-72-2

Value type: LD50

Value: 1,200 mg/kg

Route of application: Oral

Species: Rat

Acute Toxicity - Inhalation

Silica, amorphous, fumed, crystal-free 112945-52-5

Value type: LC50

Value: > 58.8 mg/l

Route of application: inhalation

Exposure time: 4 h

Species: rat

Method: OECD Guideline 403 (Acute Inhalation Toxicity)

Acute Toxicity - Dermal

Hazardous components: C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer

CAS-No.: 68082-29-1

Value type: LD50

Value: > 2,000 mg/kg

Route of application: Dermal

Species: Rabbit

Method: OECD Guideline 402 (Acute Dermal Toxicity)

Hazardous components: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine

CAS-No.: 68082-29-1

Value type: LD50

Value: > 2,000 mg/kg

Route of application: Dermal

Species: Rabbit

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Hazardous components: Triethylenetetramine
CAS-No.: 112-24-3
Value type: LD50
Value: 1,465 mg/kg
Route of application: Dermal
Species: Rabbit
Method: OECD Guideline 402 (Acute Dermal Toxicity)

Ingestion

May cause gastrointestinal disturbances.
Ingestion of large quantities may cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Inhalation

This product is irritating to the respiratory system.
Inhalation of vapors or mists of the product may be irritating to the respiratory system.

Skin

Causes skin irritation.
Symptoms may include redness, edema, drying, defatting and cracking of the skin.
May cause allergic skin reaction.

Eye

Causes serious eye damage.
Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in corneal injury. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Skin corrosion/irritation

Hazardous components: C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer
CAS-No.: 68082-29-1
Result: Irritating
Species: In vitro
Method: OECD Guideline 439 (In Vitro Skin Irritation: Reconstructed Human Epidermis (RHE) Test Method)

Hazardous components: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine
CAS-No.: 68082-29-1
Result: Irritating
Method: OECD Guideline 439 (In Vitro Skin Irritation: Reconstructed Human Epidermis (RHE) Test Method)

Hazardous components: Triethylenetetramine
CAS-No.: 112-24-3
Result: Corrosive
Species: Rabbit

Hazardous components: 2,4,6-Tris(dimethylaminomethyl)phenol
CAS-No.: 90-72-2
Result: Corrosive
Exposure time: 4 h
Species: Rabbit
Method: OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation

Hazardous components: C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer
CAS-No.: 68082-29-1
Result: Category 1 (irreversible effects on the eye)
Species: Rabbit
Method: OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Hazardous components: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine
CAS-No.: 68082-29-1
Result: Corrosive
Species: Rabbit
Method: OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Skin Sensitisation

Hazardous components: C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer

CAS-No.: 68082-29-1

Result: Sensitising

Test type: Mouse local lymphnode assay (LLNA)

Species: Mouse

Method: OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

Hazardous components: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine

CAS-No.: 68082-29-1

Result: Sensitizing

Test type: Mouse local lymphnode assay (LLNA)

Species: Mouse

Method: OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

Hazardous components: Triethylenetetramine

CAS-No.: 112-24-3

Result: Sensitising

Test type: Guinea pig maximisation test

Species: Guinea pig

Method: Magnusson and Kligman Method

Hazardous components: 2,4,6-Tris(dimethylaminomethyl)phenol

CAS-No.: 90-72-2

Result: Not sensitising

Test type: Buehler test

Species: Guinea pig

Method: OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity

Hazardous components: C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer

CAS-No.: 68082-29-1

Result: Negative

Type of study / Route of administration: Bacterial reverse mutation assay (e.g Ames test)

Metabolic activation / Exposure time: With and without

Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Result: Negative

Type of study / Route of administration: Mammalian cell gene mutation assay

Metabolic activation / Exposure time: With and without

Method: OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)

Hazardous components: Triethylenetetramine

CAS-No.: 112-24-3

Result: Positive

Type of study / Route of administration: Bacterial reverse mutation assay (e.g Ames test)

Metabolic activation / Exposure time: With and without

Hazardous components: 2,4,6-Tris(dimethylaminomethyl)phenol

CAS-No.: 90-72-2

Result: Negative

Type of study / Route of administration: Bacterial reverse mutation assay (e.g Ames test)

Metabolic activation / Exposure time: With and without

Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Result: Negative

Type of study / Route of administration: In vitro mammalian chromosome aberration test

Metabolic activation / Exposure time: With and without

Method: OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Result: Negative

Type of study / Route of administration: Mammalian cell gene mutation assay

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Metabolic activation / Exposure time: With and without

Method: OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)

Other Information

Repeated dose toxicity:

Hazardous components CAS-No. / Result/ Route of application / Exposure time/Frequency of treatment / Species / Method

3,6-diazaoctanethylenediamin 112-24-3 LOAEL=50 mg/kg oral: gavage 26 w daily rat OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

3,6-diazaoctanethylenediamin 112-24-3 NOAEL=50 mg/kg oral: gavage 26 w daily rat OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Silica, amorphous, fumed, crystal-free 112945-52-5 NOAEL=< 0.046 mg/l inhalation 14 days 6 hours/day, 5 days/week rat not specified

Silica, amorphous, fumed, crystal-free 112945-52-5 NOAEL=> 4,500 mg/kg oral: feed 13 weeks daily, continuous rat

12. Ecological information

Ecological information

General ecological information: Do not empty into drains / surface water / ground water.

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Persistence and degradability

Hazardous components: C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer

CAS-No.: 68082-29-1

Result: Not readily biodegradable.

Route of application: No data

Degradability: 0 - 60 %

Method: OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

Hazardous components: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine

CAS-No.: 68082-29-1

Result: Not readily biodegradable.

Route of application: No data

Degradability: 0 - 60 %

Method: OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

Hazardous components: Triethylenetetramine

CAS-No.: 112-24-3

Route of application: Aerobic

Degradability: 0 %

Method: OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

Hazardous components: Triethylenetetramine

CAS-No.: 112-24-3

Result: Under test conditions no biodegradation observed

Route of application: Aerobic

Degradability: 0 %

Method: OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)

Hazardous components: 2,4,6-Tris(dimethylaminomethyl)phenol

CAS-No.: 90-72-2

Result: Not readily biodegradable.

Degradability: 4.000000 %

Method: OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

Bioaccumulative Potential

Hazardous components: C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer

CAS-No.: 68082-29-1

LogKow: 10.34

Method: QSAR (Quantitative Structure Activity Relationship)

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Hazardous components: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine

CAS-No.: 68082-29-1

LogKow: 10.34

Method: QSAR (Quantitative Structure Activity Relationship)

Hazardous components: Triethylenetetramine

CAS-No.: 112-24-3

LogKow: -2.65

Method: OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

Hazardous components: 2,4,6-Tris(dimethylaminomethyl)phenol

CAS-No.: 90-72-2

LogKow: -0.66

Temperature: 21.5 °C

Method: EPA OPPTS 830.7550 (Partition Coefficient, n-octanol / H₂O, Shake Flask Method)

Acute Toxicity - Fish

Hazardous components: C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer

CAS-No.: 68082-29-1

Value type: LC50

Value: 7.07 mg/l

Acute Toxicity Study: Fish

Exposure time: 96 h

Species: Danio rerio

Method: OECD Guideline 203 (Fish, Acute Toxicity Test)

Hazardous components: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine

CAS-No.: 68082-29-1

Value type: LC50

Value: 7.07 mg/l

Acute Toxicity Study: Fish

Exposure time: 96 h

Species: Danio rerio

Method: OECD Guideline 203 (Fish, Acute Toxicity Test)

Hazardous components: Triethylenetetramine

CAS-No.: 112-24-3

Value type: LC50

Value: 570 mg/l

Acute Toxicity Study: Fish

Exposure time: 96 h

Species: Poecilia reticulata

Method: OECD Guideline 203 (Fish, Acute Toxicity Test)

Hazardous components: 2,4,6-Tris(dimethylaminomethyl)phenol

CAS-No.: 90-72-2

Value type: LC50

Value: 153 mg/l

Acute Toxicity Study: Fish

Exposure time: 96 h

Species: Brachydanio rerio (new name: Danio rerio)

Method: ISO 7346-1 (Determination of the Acute Lethal Toxicity of Substances to a Freshwater Fish [Brachydanio rerio Hamilton-Buchanan (Teleostei, Cyprinidae)])

Acute Toxicity - Daphnia

Hazardous components: C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer

CAS-No.: 68082-29-1

Value type: EC50

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Value: 7.07 mg/l
Acute Toxicity Study: Daphnia
Exposure time: 48 h
Species: Daphnia magna
Method: OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Hazardous components: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine
CAS-No.: 68082-29-1
Value type: EC50
Value: 7.07 mg/l
Acute Toxicity Study: Daphnia
Exposure time: 48 h
Species: Daphnia magna
Method: OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Hazardous components: Triethylenetetramine
CAS-No.: 112-24-3
Value type: EC50
Value: 31 mg/l
Acute Toxicity Study: Daphnia
Exposure time: 48 h
Species: Daphnia magna
Method: OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Acute Toxicity - Algae

Hazardous components: C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer
CAS-No.: 68082-29-1
Value type: EC50
Value: 4.34 mg/l
Acute Toxicity Study: Algae
Exposure time: 72 h
Species: Pseudokirchnerella subcapitata
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Hazardous components: C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer
CAS-No.: 68082-29-1
Value type: NOEC
Value: 0.5 mg/l
Acute Toxicity Study: Algae
Exposure time: 72 h
Species: Pseudokirchnerella subcapitata
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Hazardous components: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine
CAS-No.: 68082-29-1
Value type: EC50
Value: 4.34 mg/l
Acute Toxicity Study: Algae
Exposure time: 72 h
Species: Pseudokirchnerella subcapitata
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Hazardous components: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine
CAS-No.: 68082-29-1
Value type: NOEC
Value: 0.5 mg/l
Acute Toxicity Study: Algae
Exposure time: 72 h

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Species: *Pseudokirchnerella subcapitata*
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Hazardous components: Triethylenetetramine
CAS-No.: 112-24-3
Value type: EC10
Value: < 2.5 mg/l
Acute Toxicity Study: Algae
Exposure time: 72 h
Species: *Selenastrum capricornutum* (new name: *Pseudokirchnerella subcapitata*)
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Hazardous components: Triethylenetetramine
CAS-No.: 112-24-3
Value type: EC50
Value: 20 mg/l
Acute Toxicity Study: Algae
Exposure time: 72 h
Species: *Selenastrum capricornutum* (new name: *Pseudokirchnerella subcapitata*)
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Hazardous components: 2,4,6-Tris(dimethylaminomethyl)phenol
CAS-No.: 90-72-2
Value type: EC50
Value: 84 mg/l
Acute Toxicity Study: Algae
Exposure time: 72 h
Species: *Scenedesmus subspicatus* (new name: *Desmodesmus subspicatus*)
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Acute Toxicity - Bacteria

Hazardous components: C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer
CAS-No.: 68082-29-1
Value type: EC10
Value: 130 mg/l
Acute Toxicity Study: Bacteria
Exposure time: 3 h
Species: Activated sludge of a predominantly domestic sewage
Method: OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

Hazardous components: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine
CAS-No.: 68082-29-1
Value type: EC10
Value: 130 mg/l
Acute Toxicity Study: Bacteria
Exposure time: 3 h
Species: Activated sludge of a predominantly domestic sewage
Method: OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

Hazardous components: Triethylenetetramine
CAS-No.: 112-24-3
Value type: EC0
Value: 137 mg/l
Acute Toxicity Study: Bacteria
Exposure time: 30 min

Hazardous components: 2,4,6-Tris(dimethylaminomethyl)phenol
CAS-No.: 90-72-2
Value type: EC0
Value: 27 mg/l

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Acute Toxicity Study: Bacteria
Exposure time: 16 h

13. Disposal considerations

Product Disposal

Dispose of as hazardous waste in compliance with local and national regulations.
Do not allow product to enter sewer or waterways.

Container Disposal

Disposal for uncleaned package: After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated. Disposal must be made according to official regulations.

14. Transport information

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

UN Number (Air Transport, ICAO)

3082

IATA/ICAO Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Triethylenetetramine,2,4,6-Tris(dimethyl amino methyl) phenole)

IATA/ICAO Hazard Class

9

IATA/ICAO Packing Group

III

IMDG UN No

3082

IMDG Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Triethylenetetramine,2,4,6-Tris(dimethyl amino methyl) phenole, dimer fatty acid(C18)poly amido amine resin)

IMDG Hazard Class

9

IMDG Pack. Group

III

Other Information

Road and Rail Transport:

Dangerous Goods information: Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Marine transport IMDG:

UN no.: 3082

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Triethylenetetramine,2,4,6-Tris(dimethyl amino methyl) phenole,dimer fatty acid(C18)poly amido amine resin)

Class or division: 9

Packing group: III

EmS: F-A, S-F

Seawater pollutant: Marine pollutant

Air transport IATA:

UN no.: 3082

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Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Triethylenetetramine,2,4,6-Tris(dimethyl amino methyl) phenole)

Class or division: 9

Packing group: III

Packing instructions (passenger): 964

Packing instructions (cargo): 964

Further information for transport:

The transport classifications in this section apply generally to packed and bulk goods alike. For containers with a net volume of no more than 5 L for liquid substances or a net mass of no more than 5 kg for solid substances per individual or inner package, the exemptions SP 375 (ADR), 197 (IATA), 969 (IMDG) may be applied, which can result in a deviation from the transport classification for packed goods.

15. Regulatory information

Poisons Schedule

S5

Australia (AICS)

All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).

16. Other Information

User Codes

User Title Label	User Codes
Wis Numbers	00512448

Revisions Highlighted

Reason for issue: Reviewed SDS. Reissued with new date. involved chapters: 2,3,7,16

Other Information

Abbreviations/acronyms:

ADGC -Australian Dangerous Goods Code

GHS: Globally Harmonized System

CAS: Chemical Abstracts Service

OECD: Organization for Economic Cooperation and Development

LD 50: Lethal Dose 50%

LC 50: Lethal Concentration 50%

IMDG: International Maritime Dangerous Goods code

STEL -Short term exposure limit

IATA-DGR: International Air Transport Association –Dangerous Goods Regulations

TWA -Time weighted average

This SDS has been transcribed into Infosafe GHS format from an original, issued by the manufacturer on the date shown.

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END OF SDS

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