SAFETY DATA SHEET

FERROPRE 7606 PTB OF 1LT KIT

Infosafe No.: HXED1
ISSUED Date : 14/04/2025
ISSUED by: HENKEL AUSTRALIA PTY LTD

Section 1 - Identification

Product Identifier
FERROPRE 7606 PTB OF 1LT KIT

Product Code
SDS NO.: 319401

Company Name
HENKEL AUSTRALIA PTY LTD

Address
135-141 CANTERBURY ROAD KILSYTH
VICTORIA 3137 AUSTRALIA

Telephone/Fax Number
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Emergency Phone Number
24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

E-mail Address
SDSinfo.Adhesive@henkel.com

Recommended use of the chemical and restrictions on use
Intended use: Epoxy Hardener

Other Names

Name
FERROPRE 7606 PTB OF 1LT KIT

Section 2 - Hazard(s) Identification

GHS classification of the substance/mixture
Eye damage/irritation: Category 1
Skin corrosion/irritation: Category 1C
Sensitisation - skin: Category 1
Hazardous to the Aquatic Environment - Acute Hazard: Category 2
Hazardous to the Aquatic Environment - Long-Term 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,Exclamation mark,Environment

Precautionary Statement – Prevention

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash hands 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.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340 IF INHALED: Remove person to fresh air and keep 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/doctor or physician.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P391 Collect spillage.

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.

Other Information
Classification of the substance or mixture:
Hazardous according to the criteria of Safe Work Australia.

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).

Section 3 - Composition and Information on Ingredients

Ingredients

Name	CAS	Proportion
Fatty acids, C18- unsatd. , dimers, oligomeric reaction products with fatty acids, C16- 18 and C18- unsatd. , branched and linear and triethylenetetramine	157707- 72- 7	30- <60 %
TALC	14807- 96- 6	10- <30 %
Fatty acids, c18- unsatd. , dimers, reaction products with polyethylenepolyamines	68410- 23- 1	10- <30 %
Amines, polyethylenepoly- , triethylenetetramine fraction	90640- 67- 8	3- <5 %
Silica, amorphous, fumed, cryst. - free	112945- 52- 5	<10 %
2, 4, 6- tris(dimethylaminomethyl) phenol	90- 72- 2	1- <3 %
Dolomite	16389- 88- 1	<10 %

Preparation Description
General chemical description: Mixture
Type of preparation: Acrylate adhesive

Section 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
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

Medical attention and special treatment
Treat symptomatically.

Section 5 - Firefighting 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).

Specific Methods
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.

Section 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.

Section 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.

Section 8 - Exposure Controls and Personal Protection

Occupational exposure limit values
Ingredient [Regulated substance]: TALC, (CONTAINING NO ASBESTOS FIBRES)14807-96-6
TWA (mg/m3): 2.5

Ingredient [Regulated substance]: SILICA, AMORPHOUS: FUMED SILICA (RESPIRABLE DUST) 112945-52-5
form of exposure: Respirable dust.
TWA (mg/m3): 2

Ingredient [Regulated substance]: Nuisance dusts, inhalable dust 112945-52-5
form of exposure: Inhalable dust.
TWA (mg/m3): 10

Ingredient [Regulated substance]: NUISANCE DUSTS, INHALABLE DUST 16389-88-1
form of exposure: Inhalable dust.
TWA (mg/m3): 10

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

Body Protection
Use of an impervious apron is recommended.
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.

Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Paste	**Appearance**	Black paste
Odour	Amine-like	**Density**	1.38 - 1.44 g/cm3

Section 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.

Section 11 - Toxicological Information

Acute Toxicity - Oral
Hazardous components: Talc
CAS-No.: 14807-96-6
Value type: LD50
Value: > 5,000 mg/kg
Route of application: Oral
Species: Rat
Method: OECD Guideline 423 (Acute Oral toxicity)

Hazardous components: Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines
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: Amines, polyethylenepoly-, triethylenetetramine fraction
CAS-No.: 90640-67-8
Value type: LD50
Value: 1,716 mg/kg
Route of application: Oral
Species: Rat
Method: equivalent or similar to OECD Guideline 401 (Acute Oral Toxicity)

Hazardous components: Silica, amorphous, fumed, cryst.-free
CAS-No.: 112945-52-5
Value type: LD50
Value: > 5,000 mg/kg
Route of application: Oral
Species: Rat
Method: OOECD 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
Method: not specified

Hazardous components: 2,4,6-Tris(dimethylaminomethyl)phenol
CAS-No.: 90-72-2
Value type: LD50
Value: > 5,000 mg/kg
Route of application: Oral
Species: Rat
Method: not specified

Acute Toxicity - Dermal
Hazardous components: Talc
CAS-No.: 14807-96-6
Value type: LD50
Value: > 2,000 mg/kg
Route of application: dermal
Species: rat
Method: OECD Guideline 402 (Acute Dermal Toxicity)

Hazardous components: Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines
CAS-No.: 68410-23-1
Value type: LD50

Value: > 2,000 mg/kg
Route of application: dermal
Species: rat
Method: OECD Guideline 402 (Acute Dermal Toxicity)

Hazardous components: Amines, polyethylenepoly-, triethylenetetramine fraction
CAS-No.: 90640-67-8
Value type: LD50
Value: 1,465 mg/kg
Route of application: dermal
Species: rabbit
Method: OECD Guideline 402 (Acute Dermal Toxicity)

Hazardous components: Silica, amorphous, fumed, cryst.-free
CAS-No.: 112945-52-5
Value type: LD50
Value: > 2,000 mg/kg
Route of application: dermal
Species: rabbit
Method: OECD Guideline 402 (Acute Dermal Toxicity)

Acute Toxicity - Inhalation
Hazardous components: Talc
CAS-No.: 112945-52-5
Value type: LC50
Value: > 2.1 mg/l
Route of application: inhalation
Exposure time: 4 h
Species: rat
Method: OECD Guideline 403 (Acute Inhalation Toxicity)

Hazardous components: Silica, amorphous, fumed, crystal-free
CAS-No.: 112945-52-5
Value type: LC0
Value: 0.139 mg/l
Route of application: inhalation
Exposure time: 4 h
Species: rat
Method: not specified

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.

Skin Corrosion/Irritation
Hazardous components: Talc
CAS-No.: 14807-96-6
Result: slightly irritating
Exposure time: 4 h
Species: rabbit
Method: OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Hazardous components: Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines
CAS-No.: 68410-23-1
Result: not corrosive
Exposure time: 1 h Human, Species:EpiDermTM SIT (EPI-200), Reconstructe d Human Epidermis (RHE)
Method: OECD Guideline 431 (In Vitro Skin Corrosion: Reconstructed Human Epidermis (RHE) Test Method)

Hazardous components: Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines
CAS-No.: 68410-23-1
Result: irritating or corrosive
Exposure time: 1 h
Species: Human, EpiDermTM SIT (EPI-200), Reconstructed Human Epidermis (RHE)
Method: OECD Guideline 439 (In Vitro Skin Irritation: Reconstructed Human Epidermis (RHE) Test Method)

Hazardous components: Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines
CAS-No.: 68410-23-1
Result: irritating
Method: Weight of evidence

Hazardous components: Amines, polyethylenepoly-, triethylenetetramine fraction
CAS-No.: 90640-67-8
Result: corrosive
Species: rabbit
Method: OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Hazardous components: Silica, amorphous, fumed, cryst.-free
CAS-No.: 112945-52-5
Result: not irritating
Exposure time: 4 h
Species: rabbit
Method: OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

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)

Hazardous components: 2,4,6-tris(dimethylaminomethyl)phenol
CAS-No.: 90-72-2
Result: Sub-Category 1C (corrosive)
Species: Corrositex Biobarrier Membrane (reconstituted collagen matrix)
Method: OECD Guideline 435 (In Vitro Membrane Barrier Test Method for Skin Corrosion)

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.

Serious Eye Damage/Irritation

Hazardous components: Talc
CAS-No.: 14807-96-6
Result: not irritating
Species: rabbit
Method: OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Hazardous components: Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines
CAS-No.: 68410-23-1
Result: Category 1 (irreversible effects on the eye)
Species: rabbit
Method: OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Hazardous components: Amines, polyethylenepoly-, triethylenetetramine fraction
CAS-No.: 90640-67-8
Result: Category 1 (irreversible effects on the eye)
Species: rabbit
Method: equivalent or similar to OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Hazardous components: Silica, amorphous, fumed, cryst.-free
CAS-No.: 112945-52-5
Result: not irritating

Species: rabbit
Method: OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Skin Sensitisation
Hazardous components: Talc
CAS-No.: 14807-96-6
Result: not sensitising
Test type: Guinea pig maximisation test
Species: guinea pig
Method: OECD Guideline 406 (Skin Sensitisation)

Hazardous components: Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines
CAS-No.: 68410-23-1
Result: sensitising
Test type: Mouse local lymphnode assay (LLNA)
Species: mouse
Method: OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

Hazardous components: Amines, polyethylenepoly-, triethylenetetramine fraction
CAS-No.: 90640-67-8
Result: Sensitizing
Test type: Buehler test
Species: guinea pig
Method: equivalent or similar to OECD Guideline 406 (Skin Sensitisation)

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)

Hazardous components: 2,4,6-tris(dimethylaminomethyl)phenol
CAS-No.: 90-72-2
Result: not sensitising
Test type: Guinea pig maximisation test
Species: guinea pig
Method: OECD Guideline 406 (Skin Sensitisation)

Germ Cell Mutagenicity
Hazardous components: Talc
CAS-No.: 14807-96-6
Result: negative
Type of study / Route of administration: bacterial reverse mutation assay (e.g Ames test)
Metabolic activation / Exposure time: with and without
Method: equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Result: negative
Type of study / Route of administration: in vitro mammalian cell transformation assay
Metabolic activation / Exposure time: without
Method: equivalent or similar to OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Hazardous components: Talc
CAS-No.: 14807-96-6
Result: negative
Type of study / Route of administration: oral: gavage
Species: rat
Method: equivalent or similar to OECD Guideline 478 (Genetic Toxicology: Rodent Dominant Lethal Test)

Hazardous components: Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines
CAS-No.: 68410-23-1
Result: negative
Type of study / Route of administration: bacterial reverse mutation assay (e.g Ames test)
Metabolic activation / Exposure time: with and without
Method: equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Result: negative
Type of study / Route of administration: in vitro mammalian cell micronucleus test
Metabolic activation / Exposure time: with and without
Method: OECD Guideline 487 (In vitro Mammalian Cell Micronucleus Test)

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: Amines, polyethylenepoly-, triethylenetetramine fraction
CAS-No.: 90640-67-8
Result: positive
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 cell micronucleus test
Metabolic activation / Exposure time: with and without
Method: OECD Guideline 487 (In vitro Mammalian Cell Micronucleus Test)

Hazardous components: Amines, polyethylenepoly-, triethylenetetramine fraction
CAS-No.: 90640-67-8
Result: negative
Type of study / Route of administration: intraperitoneal
Species: mouse
Method: equivalent or similar to OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Hazardous components: Silica, amorphous, fumed, cryst.-free
CAS-No.: 112945-52-5
Result: negative
Type of study / Route of administration: bacterial reverse mutation assay (e.g Ames test)
Method: not specified

Result: negative
Type of study / Route of administration: in vitro mammalian chromosome aberration test
Method: not specified

Result: negative
Type of study / Route of administration: DNA damage and repair assay, unscheduled DNA synthesis in mammalian cells in vitro
Method: not specified

Hazardous components: 2,4,6-tris(dimethylaminomethyl)phenol
CAS-No.: 190-72-2
Result: negative'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
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: Talc

CAS-No.: 14807-96-6
Result: NOAEL=100 mg/kg
Route of application: oral: feed
Exposure time / Frequency of treatment: 101 d7 d/w
Species: rat
Method: equivalent or similar to OECD Guideline 452 (Chronic Toxicity Studies)

Hazardous components: Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines
CAS-No.: 68410-23-1
Result: NOAEL=1,000 mg/kg
Route of application: oral: gavage
Exposure time / Frequency of treatment: m= ca. 6 weeks; f= 7 weeksonce daily
Species: rat
Method: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

Hazardous components: Amines, polyethylenepoly-, triethylenetetramine fraction
CAS-No.: 90640-67-8
Result: LOAEL=50 mg/kg
Route of application: oral: gavage
Exposure time / Frequency of treatment: 26 wdaily
Species: rat
Method: equivalent or similar to OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Section 12 - Ecological Information

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

Ecotoxicity
H411 Toxic to aquatic life with long lasting effects.

Persistence and degradability
Hazardous components: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with fatty acids, C16-18 and C18-unsatd., branched and linear and triethylenetetramine
CAS-No.: 157707-72-7
Result : not readily biodegradable.
Route of application: aerobic
Degradability: > 0 - < 60 %
Method: OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

Hazardous components: Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines
CAS-No.: 68410-23-1
Result : not readily biodegradable.
Route of application: aerobic
Degradability: > 0 - < 70 %
Method: OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

Hazardous components: Amines, polyethylenepoly-, triethylenetetramine fraction
CAS-No.: 90640-67-8
Result : readily biodegradable.
Route of application: aerobic
Degradability: 0 %
Method: OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

Hazardous components: Amines, polyethylenepoly-, triethylenetetramine fraction
CAS-No.: 90640-67-8
Result : not inherently biodegradable
Route of application: aerobic
Degradability: 20 %
Method: OECD Guideline 302 A (Inherent Biodegradability: Modified SCAS Test)

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

CAS-No.: 90-72-2
Result : not readily biodegradable.
Route of application: aerobic
Degradability: 4 %
Method: OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

Bioaccumulative Potential
Hazardous components: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with fatty acids, C16-18 and C18-unsatd., branched and linear and triethylenetetramine
CAS-No.: 157707-72-7
LogPow: 10.34
Method: QSAR (Quantitative Structure Activity Relationship)

Hazardous components: Talc
CAS-No.: 14807-96-6
LogPow: -9.4
Temperature: 25 °C
Method: QSAR (Quantitative Structure Activity Relationship)

Hazardous components: Amines, polyethylenepoly-, triethylenetetramine fraction
CAS-No.: 90640-67-8
LogPow: -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
LogPow: -0.66
Temperature: 21.5 °C
Method: EPA OPPTS 830.7550 (Partition Coefficient, n-octanol / H2O, Shake Flask Method)

Acute Toxicity - Fish
Hazardous components: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with fatty acids, C16-18 and C18-unsatd., branched and linear and triethylenetetramine
CAS-No.: 157707-72-7
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: Talc
CAS-No.: 14807-96-6
Value type: LC50
Value: Toxicity > Water solubility
Acute Toxicity Study: Fish
Exposure time: 96 h
Species: Brachydanio rerio (new name: Danio rerio)
Method: OECD Guideline 203 (Fish, Acute Toxicity Test)

Hazardous components: Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines
CAS-No.: 68410-23-1
Value type: C50
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: Amines, polyethylenepoly-, triethylenetetramine fraction
CAS-No.: 90640-67-8
Value type: LC50
Value: 330 mg/l
Acute Toxicity Study: Fish
Exposure time: 96 h

Species: Pimephales promelas
Method: other guideline:

Hazardous components: Silica, amorphous, fumed, cryst.-free
CAS-No.: 112945-52-5
Value type: LC50
Value: > 10,000 mg/l
Acute Toxicity Study: Fish
Exposure time: 96 h
Species: Brachydanio rerio (new name: Danio rerio)
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)
ISO 7346-1 (Determination of the Acute Lethal Toxicity of Substances to a Freshwater Fish Method: [Brachydanio rerio Hamilton-Buchanan (Teleostei, Cyprinidae)]

Hazardous components: Dolomite
CAS-No.: 16389-88-1
Value type: LC50
Value: > 56,000 mg/l
Acute Toxicity Study: Fish
Exposure time: 96 h
Species: Gambusia affinis
Method: OECD Guideline 203 (Fish, Acute Toxicity Test)

Acute Toxicity - Daphnia
Hazardous components: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with fatty acids, C16-18 and C18-unsatd., branched and linear and triethylenetetramine
CAS-No.: 157707-72-7
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: Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines
CAS-No.: 68410-23-1
Value type: EC50
Value: 5.18 mg/l
Acute Toxicity Study: Daphnia
Exposure time: 48 h
Species: Daphnia magna
Method: OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Hazardous components: Amines, polyethylenepoly-, triethylenetetramine fraction
CAS-No.: 90640-67-8
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)

Hazardous components: 2,4,6-tris(dimethylaminomethyl)phenol
CAS-No.: 90-72-2
Value type: EC50
Value: > 100 mg/l

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

Hazardous components: Dolomite
CAS-No.: 16389-88-1
Value type: EC50
Value: 265 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: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with fatty acids, C16-18 and C18-unsatd., branched and linear and triethylenetetramine
CAS-No.: 157707-72-7
Value type: EC50
Value: 4.34 mg/l
Acute Toxicity Study: Algae
Exposure time: 72 h
Species: Raphidocelis subcapitata (new name: Pseudokirchneriella subcapitata)
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Hazardous components: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with fatty acids, C16-18 and C18-unsatd., branched and linear and triethylenetetramine
CAS-No.: 157707-72-7
Value type: NOEC
Value: 0.5 mg/l
Acute Toxicity Study: Algae
Exposure time: 72 h
Species: Raphidocelis subcapitata (new name: Pseudokirchneriella subcapitata)
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Hazardous components: Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines
CAS-No.: 68410-23-1
Value type: EC50
Value: 4.11 mg/l
Acute Toxicity Study: Algae
Exposure time:72 h
Species: Pseudokirchneriella subcapitata
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Hazardous components: Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines
CAS-No.: 68410-23-1
Value type: NOEC
Value: 1.25 mg/l
Acute Toxicity Study: Algae
Exposure time: 72 h
Species: Pseudokirchneriella subcapitata
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Hazardous components: Amines, polyethylenepoly-, triethylenetetramine fraction
CAS-No.: 90640-67-8
Value type: EC50
Value: 20 mg/l
Acute Toxicity Study: Algae
Exposure time: 72 h
Species: Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata)
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Hazardous components: Amines, polyethylenepoly-, triethylenetetramine fraction
CAS-No.: 90640-67-8

Value type: EC10
Value: 1.34 mg/l
Acute Toxicity Study: Algae
Exposure time: 72 h
Species: Pseudokirchneriella subcapitata (reported as Raphidocelis 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: 46.7 mg/l
Acute Toxicity Study: Algae
Exposure time: 72 h
Species: Pseudokirchneriella subcapitata
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Hazardous components: 2,4,6-tris(dimethylaminomethyl)phenol
CAS-No.: 90-72-2
Value type: NOEC
Value: 6.44 mg/l
Acute Toxicity Study: Algae
Exposure time: 72 h
Species: Pseudokirchneriella subcapitata
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Hazardous components: Dolomite
CAS-No.: 16389-88-1
Value type: EC50
Value: 137 mg/l
Acute Toxicity Study: Algae
Exposure time: 5 d
Species: Nitzschia sp.
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Acute Toxicity - Bacteria
Hazardous components: Fatty acids, C18-unsatd., dimers, oligomeric reaction products with fatty acids, C16-18 and C18-unsatd., branched and linear and triethylenetetramine
CAS-No.: 157707-72-7
Value type: EC50
Value: 384 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, reaction products with polyethylenepolyamines
CAS-No.: 68410-23-1
Value type: EC50
Value: 314 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: 2,4,6-tris(dimethylaminomethyl)phenol
CAS-No.: 90-72-2
Value type: EC0
Value: 27 mg/l
Acute Toxicity Study: Bacteria
Exposure time: 16 h
Species: Pseudomonas putida
Method: DIN 38412, part 8 (Pseudomonas Zellvermehrungshe mm-Test)

Hazardous components: Dolomite

CAS-No.: 16389-88-1
Value type: EC0
Value: > 56,000 mg/l
Acute Toxicity Study: Bacteria
Exposure time: 30 min
Species: not specified
Method: not specified

Section 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 and Methods
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.

Section 14 - Transport Information

UN Number
None Allocated

Proper Shipping Name
None Allocated

Transport Hazard Class
None Allocated

IATA UN Number
3082

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

IATA Transport Hazard Class
9

IATA Packing Group
III

IMDG UN Number
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 Transport Hazard Class
9

IMDG Packing Group
III

Additional 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
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), A197 (IATA), 2.10.2.7 (IMDG), NZ 4.3(10) may be applied, which can result in a deviation from the transport classification for packed goods.

Section 15 - Regulatory Information

Poisons Schedule
S5

Section 16 - Any Other Relevant Information

Revisions Made
Reason for issue: Reviewed SDS. Reissued with new date. involved chapters: 1-16

Other Information
SDS No.: 319401
V001.5

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
AIIC - Australian Inventory of Industrial Chemicals (AIIC)
AICIS - Australian Industrial Chemicals Introduction Scheme

This SDS has been transcribed into Infosafe GHS format from an original, issued by the manufacturer on the date shown.
Any disclaimer by the manufacturer may not be included in the transcription.

END OF SDS