Safety Data Sheet

Hazardous, Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: GALAXIE SLV PART A

Synonyms
Galaxie SLV 5.2KG

Product Code
GALSLVA5

Recommended use: Base component of epoxy crack injection system. Applied by injection or pouring.

Supplier: Tam Australia Pty Ltd
ABN: 35 637 639 251
Street Address: 314 Glen Osmond Road,
Myrtle Bank, SA 5064
Australia
Website tamaustralia.com.au

Emergency Telephone number: **Australia 131 126, New Zealand 0800 764 766**

2. HAZARDS IDENTIFICATION

This material is hazardous according to the criteria of Safe Work Australia GHS 7.

Signal Word
Danger

Hazard Classifications
Acute Toxicity - Oral - Category 4
Skin Irritation - Category 2
Serious Eye Damage - Category 1
Sensitisation - Skin - Category 1A

Hazard Statements

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

Prevention Precautionary Statements

P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P261	Avoid breathing dust, fume, gas, mist, vapours or spray.
P264	Wash hands, face and all exposed skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing including eye/face protection.

Response Precautionary Statements

P101	If medical advice is needed, have product container or label at hand.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
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.
P330	Rinse mouth.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse

Storage Precautionary Statement
Not allocated

Disposal Precautionary Statement

P501	Dispose of contents/container in accordance with local, regional, national and international regulations.

Poison Schedule: S5. Caution

DANGEROUS GOOD CLASSIFICATION

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

Dangerous Goods Class: 9

Australian Special Provisions; AU01: Environmentally Hazardous Substances meeting the description of UN 3077 or UN 3082 are not subject to this Code (ADG 07) when transported by road or rail in;

(a) packagings that do not incorporate a receptacle exceeding 500 Kg (L); or
(b) IBCs.

International Maritime Dangerous Goods; SP375: Environmentally Hazardous Substances meeting the description of UN 3077 or UN 3082 are not subject to this Code (IMDG 2024) when transported by sea and meet the following conditions:

(a) single or inner packaging do not exceed 5 Kg (L); and
(b) packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
Bisphenol-A epoxy resin	25068-38-6	30 - 60 % (w/w)
Butanedioldiglycidyl ether	2425-79-8	30 - 60 % (w/w)
Ingredients determined to be non-hazardous or below reporting limits		Balance
		100%

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact: Effects may be delayed. If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital.

Eye contact: Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Immediately call Poisons Centre or Doctor.

PPE for First Aiders: Wear safety shoes, overalls, gloves, chemical goggles. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Notes to physician: Treat symptomatically. Effects may be delayed. Can cause corneal burns.

5. FIRE FIGHTING MEASURES

Hazchem Code: •3Z

Suitable extinguishing media: If material is involved in a fire use alcohol resistant foam or dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Combustible material.

Fire fighting further advice: On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS
Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS
Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Dangerous Goods - Initial Emergency Response Guide No: 171

7. HANDLING AND STORAGE

Handling: Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

This material is classified as a Class 9 Miscellaneous Dangerous Good as per the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and/or the "New Zealand NZS5433: Transport of Dangerous Goods on Land" and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison Schedule 5 (Caution) and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Engineering Measures: Natural ventilation should be adequate under normal use conditions.

Personal Protection Equipment: SAFETY SHOES, OVERALLS, GLOVES, CHEMICAL GOGGLES.

Wear safety shoes, overalls, gloves, chemical goggles. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Clear
Odour:	Slight

Solubility:	N Av
Specific Gravity:	1.10
Relative Vapour Density (air=1):	>1
Vapour Pressure:	N Av
Flash Point (°C):	> 156
Explosion/Flammability Limits:	N App
Autoignition Temperature (°C):	N Av
Melting Point/Range (°C):	N Av
Boiling Point/Range (°C):	N Av
pH:	N App
Viscosity:	N Av
Total VOC (g/Litre):	N Av

(Typical values only - consult specification sheet)
N Av = Not available, N App = Not applicable

10. STABILITY AND REACTIVITY

Chemical stability: This material is thermally stable when stored and used as directed.

Conditions to avoid: Heat and sources of ignition.

Incompatible materials: Strong oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

Hazardous reactions: No known hazardous reactions.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin will result in irritation. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Ingestion: Harmful if swallowed. Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury.

Acute toxicity

Inhalation: This material has been classified as not hazardous for acute inhalation exposure. Acute toxicity estimate (based on ingredients): LC_{50} > 20.0 mg/L for vapours or LC_{50} > 5.0 mg/L for dust and mist.

Skin contact: This material has been classified as not hazardous for acute dermal exposure. Acute toxicity estimate (based on ingredients): LD_{50} > 2,000 mg/Kg bw

Ingestion: This material has been classified as a Category 4 Hazard. Acute toxicity estimate (based on ingredients): 300 < LD_{50} ≤ 2,000 mg/Kg bw

Corrosion/Irritancy: Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as a Category 2 Hazard (reversible effects to skin).

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as a Category 1A Hazard (skin sensitiser).

Aspiration hazard: This material has been classified as not an aspiration hazard.

Specific target organ toxicity (single exposure): This material has been classified as not a specific hazard to target organs by a single exposure.

Chronic Toxicity

Mutagenicity: This material has been classified as not a mutagen.

Carcinogenicity: This material has been classified as not a carcinogen.

Reproductive toxicity (including via lactation): This material has been classified as not a reproductive

toxicant.

Specific target organ toxicity (repeat exposure): This material has been classified as not a specific hazard to target organs by repeat exposure.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as not hazardous for acute aquatic exposure. Acute toxicity estimate (based on ingredients): > 100 mg/L

Long-term aquatic hazard: This material has been classified as not hazardous for chronic aquatic exposure. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log K_{ow} < 4.

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT
Classified as Dangerous Goods by the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

Australian Special Provisions; AU01: Environmentally Hazardous Substances meeting the description of UN 3077 or UN 3082 are not subject to this Code (ADG 07) when transported by road or rail in;

(c) packagings that do not incorporate a receptacle exceeding 500 Kg (L); or
(d) IBCs.

UN No:	3082
Dangerous Goods Class:	9
Packing Group:	III
Hazchem Code:	•3Z
Emergency Response Guide No:	171

Limited Quantities	5 L
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL A EPOXY RESIN)

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1). Note 1: Materials that are fire risks are incompatible with oxidising agents (Class 5.1) or organic peroxides (Class 5.2). Exemptions may apply.

MARINE TRANSPORT
Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. This material is classified as a Marine Pollutant (P) according to the International Maritime Dangerous Goods Code.

International Maritime Dangerous Goods; SP375: Environmentally Hazardous Substances meeting the description of UN 3077 or UN 3082 are not subject to this Code (IMDG 2024) when transported by sea and meet the following conditions:

(a) single or inner packaging do not exceed 5 Kg (L); and
(b) packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8

UN No:	3082
Dangerous Goods Class:	9
Packing Group:	III
Limited Quantities:	5 L
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL A EPOXY RESIN)

AIR TRANSPORT
Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No:	3082
Dangerous Goods Class:	9
Packing Group:	III
Limited Quantities:	30 kg G
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL A EPOXY RESIN)

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:
Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)

This material is subject to the following international agreements:
Basel Convention (Hazardous Waste)

- Wastes from production, formulation and use of resins, latex, plasticizers, glues/adhesives

International Convention for the Prevention of Pollution from Ships (MARPOL)

- Annex III - Harmful Substances carried in Packaged Form

This material/constituent(s) is covered by the following requirements:

The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth): S5. Caution.

AICIS Status: All components of this product are listed on or exempt from the Australian Inventory of Industrial Chemicals (AIIC).

NZ EPA Status: All components of this product are listed on or exempt from the New Zealand Inventory of Chemical (NZIoC).

HSNO Group Standard: HSR002670 - Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2020

16. OTHER INFORMATION

Reason for issue: Revised

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since the company cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

Safety Data Sheet

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: GALAXIE SLV PART B

Synonyms
Galaxie SLV 2.3KG

Product Code
GALSLVB2.3

Recommended use: Hardener component of epoxy crack injection system. Injected or poured.

Supplier: Tam Australia Pty Ltd
ABN: 35 637 639 251
Street Address: 314 Glen Osmond Road,
Myrtle Bank, SA 5064
Australia
Website tamaustralia.com.au

Emergency Telephone number: **Australia 131 126, New Zealand 0800 764 766**

2. HAZARDS IDENTIFICATION

This material is hazardous according to the criteria of Safe Work Australia GHS 7.

Signal Word
Danger

Hazard Classifications

Acute Toxicity - Oral -	Category 4
Serious Eye Damage -	Category 1
Sensitisation - Skin -	Category 1
Reproductive Toxicity -	Category 2
Specific Target Organ Toxicity - Repeated Exposure	Category 2

Environmental Hazards

Acute hazards to the aquatic environment -	Category 3
Chronic hazards to the aquatic environment-	Category 3

Hazard Statements

H302	Harmful if swallowed.
H318	Causes serious eye damage.
H317	May cause an allergic skin reaction.
H361	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash face, hands and any exposed skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
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.

Response Precautionary Statements

P301+P312IF	SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
P330	Rinse mouth.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P321	Specific treatment (see supplemental first aid instructions on this label).
P362+P364	Take off contaminated clothing and wash before reuse.
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.
P308+P313	IF exposed or concerned: Get medical advice/attention.

Storage Precautionary Statement

P405	Store locked up.

Disposal Precautionary Statement

P501	Dispose of contents/container in accordance with local, regional, national and international regulations.

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
Salicylic acid	69-72-7	<10 % (w/w)
Benzyl alcohol	100-51-6	25-50 % (w/w)
Copolymer of formaldehyde and aniline, hydrogenated	135108-88-2	25-50 % (w/w)
Ingredients determined to be non-hazardous or below reporting limits		Balance
		100%

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).
Inhalation: Move to fresh air

Skin Contact: Wash off immediately with soap and plenty of water. Wash off immediately with plenty of water for at least 15 minutes. Wash with soap and water. Immediately remove contaminated clothing, and any extraneous chemical, if possible, to do so without delay.

Eye contact: Rinse immediately with plenty of water for at least 15 minutes. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses.

Ingestion: Prevent aspiration of vomit. Turn victim's head to the side. Never give anything by mouth to an unconscious person.

PPE for First Aiders: No Data Available.

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Carbon Dioxide. Dry chemical. Dry sand. Limestone powder Alcohol resistant foam. Water spray, fog or mist.

Unsuitable extinguishing media: No data available.

Special hazards arising from the substance or mixture Incomplete combustion may form carbon monoxide. May generate ammonia gas. May generate toxic nitrogen oxide gases. Burning produces noxious and toxic fumes. Downwind personnel must be evacuated.

Special protective equipment and precautions for fire-fighters

Special Fire-fighting Procedures: No data available.

Special protective equipment for fire fighters: Use personal protective equipment. Wear self-contained breathing apparatus for firefighting if necessary. Avoid contact with skin.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Evacuate personnel to safe areas. Wear suitable protective clothing, gloves and eye/face protection. Use self-contained breathing apparatus and chemically protective clothing.

Accidental release measures: If possible, stop flow of product.

Methods and material for containment and cleaning up: Place in appropriate chemical waste container. Call Emergency Response number for advice. Approach suspected leak areas with caution.

Environmental Precautions: Construct a dike to prevent spreading.

7. HANDLING AND STORAGE

Handling: Use personal protective equipment. Discard contaminated leather articles. Provide readily accessible eye wash stations and safety showers. Wash hands at the end of each work shift and before eating, smoking or using the toilet. Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Do not use sodium nitrite or other nitrosating agents in formulations containing this product. Suspected cancer-causing nitrosamines could be formed. Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules. established by government regulations. Avoid contact with eyes.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Store locked up. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Engineering Measures: Natural ventilation should be adequate under normal use conditions.

Personal Protection Equipment: SAFETY SHOES, OVERALLS, GLOVES, CHEMICAL GOGGLES, RESPIRATOR (if inadequate ventilation)

Wear safety shoes, overalls, gloves, chemical goggles,. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Amber
Odour:	Characteristic
Solubility:	N Av
Specific Gravity:	1.06
Relative Vapour Density (air=1):	>1
Vapour Pressure:	N Av
Flash Point (°C):	>150
Explosion/Flammability Limits:	N App
Autoignition Temperature (°C):	N Av
Melting Point/Range (°C):	N Av
Boiling Point/Range (°C):	222.C
pH:	N App
Viscosity:	500mPa.s
Total VOC (g/Litre):	N Av

(Typical values only - consult specification sheet)
N Av = Not available, N App = Not applicable

10. STABILITY AND REACTIVITY

Chemical stability: This material is thermally stable when stored and used as directed.

Conditions to avoid: Heat, flames and other ignition sources.

Incompatible materials: Amines. Incompatible with bases. Reducing agents. Reactive metals (e.g. sodium, calcium, zinc etc.). Materials reactive with hydroxyl compounds. CAUTION! N-Nitrosamines, many of which are known to be potent carcinogens, may be formed when the product comes in contact with nitrous acid, nitrites or atmospheres with high nitrous oxide concentrations. Nitrous acid and other nitrosating agents Organic acids (i.e. acetic acid, citric acid etc.). Mineral Acid Sodium hypochlorite. Product slowly corrodes copper, aluminium, zinc and galvanized surfaces. Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion. oxidising agents.

Hazardous decomposition products: Nitric acid. Ammonia Nitrogen Oxides Nitrogen oxide can react with water vapours to form corrosive nitric acid. Carbon Monoxide. Carbon Dioxide. Aldehydes. Flammable hydrocarbon fragments. Nitrosamine Organic acid vapours.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Information on toxicological effects Information on likely routes of exposure

Inhalation:	Information on effects are given below.
Skin Contact:	Information on effects are given below.
Eye contact:	Information on effects are given below.
Ingestion:	Information on effects are given below.

Acute toxicity (list all possible routes of exposure)

Oral

Product:	ATEmix: > 500 mg/kg
Components:	
benzyl alcohol	LD 50 (Rat): 1,620 mg/kg
Copolymer of formaldehyde and aniline, hydrogenated	LD 50 (Rat): 300 mg/kg
Salicylic acid	LD 50 (Rat): 891 mg/kg

Dermal Product:	No data is available on the product itself. Not classified for acute toxicity based on available data.
Components:	
benzyl alcohol	No classification
Copolymer of formaldehyde and aniline, hydrogenated	No data due to skin-corrosive action
Salicylic acid	No classification

Inhalation

Product:	Not classified for acute toxicity based on available data.
Components:	
benzyl alcohol	No data available., Dusts, mists and fumes No data available., Vapour
Copolymer of formaldehyde and aniline, hydrogenated	No data due to skin-corrosive action, Vapour No data due to skin-corrosive action, Dusts, mists and fumes
Salicylic acid	Not applicable, Vapour No data available., Dusts, mists and fumes

Repeated dose toxicity

Product: Mixed polycycloaliphatic amines was tested in rats for systemic effects in a subchronic (28-day) oral study at doses ranging from 15 to 300 mg/kg/day. Effects seen at 300 mg/kg/day included decreased survival, decreased body weight gain, increased liver, kidney, and adrenal weights and histological changes in the liver, kidney, adrenals and spleen. The No-Observed- Adverse-Effect-Level (NOAEL) was 15 mg/kg/day. Rats exposed orally to 800 mg/kg benzyl alcohol for thirteen weeks exhibited CNS depression and histopathological changes in the brain, thymus and skeletal muscles. The No Observed Adverse Effect Level (NOAEL) was 400 mg/kg. No evidence of carcinogenicity was seen in a two-year study with rats and mice.

Components:	
benzyl alcohol	NOAEL (Rat, Oral): 400 mg/kg

Copolymer of formaldehyde and aniline, hydrogenated	NOEL (Rat, Oral): 15 mg/kg
Salicylic acid	No data available.

Skin Corrosion/Irritation Not irritating

Product: Not irritating; Mild irritant to the skin of a rabbit., Based on available data, the classification criteria are not met.

Components:

benzyl alcohol	OECD 404 (Rabbit): Not irritating
Copolymer of formaldehyde and aniline, hydrogenated	Corrosive. , > 1.01 - < 4 h
Salicylic acid	OECD 404 (Rabbit): Not irritating

Serious Eye Damage/Eye Irritation Risk of serious damage to eyes.

Product: Risk of serious damage to eyes.; Expert judgement

Components:

benzyl alcohol	OECD 405 (Rabbit): Irritating.
Copolymer of formaldehyde and aniline, hydrogenated	Risk of serious damage to eyes.
Salicylic acid	(Rabbit): Risk of serious damage to eyes.

Respiratory or Skin Sensitization

Product: May cause sensitisation of susceptible persons by skin contact.

Components:

benzyl alcohol	Sensitization test, OECD 406 (Guinea Pig): Not a skin sensitizer.
Copolymer of formaldehyde and aniline, hydrogenated	May cause sensitization by skin contact.
Salicylic acid	Not a skin sensitizer.

Carcinogenicity

Product: No data available.

Components:

benzyl alcohol	Not classified
Copolymer of formaldehyde and aniline, hydrogenated	No data available.
Salicylic acid	No data available.

Germ Cell Mutagenicity

No data is available on the product itself.

In vitro

Product: No data available.

Components

benzyl alcohol	No data available.
Copolymer of formaldehyde and aniline, hydrogenated	Ames test: negative (OECD 476)negative Chromosomal aberration (OECD 473): negative
Salicylic acid	No data available.

In vivo

Product: No data available.

Components:

benzyl alcohol	No data available.
Copolymer of formaldehyde and aniline, hydrogenated	No data available.
Salicylic acid	No data available.

Reproductive toxicity

Product: No data is available on the product itself.

Components:

benzyl alcohol	Not classified
Copolymer of formaldehyde and aniline, hydrogenated	No data available.
Salicylic acid	Suspected of damaging the unborn child.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Components:

benzyl alcohol	Not classified
Copolymer of formaldehyde and aniline, hydrogenated	No data available.
Salicylic acid	No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Components:

benzyl alcohol	Not classified
Copolymer of formaldehyde and aniline, hydrogenated	Kidney - Category 2 May cause damage to organs through prolonged or repeated exposure.
Salicylic acid	No data available.

Aspiration Hazard

Product: No data available.

Components:

benzyl alcohol	Not classified
Copolymer of formaldehyde a aniline, hydrogenated	Not classified
Salicylic acid	Not applicable

Information on health hazards

Other hazards

Product: No toxicological tests have been conducted with the product itself.;

12. ECOLOGICAL INFORMATION

Ecotoxicity:
Acute hazards to the aquatic environment:

Fish

Product: No data is available on the product itself.

Components:

benzyl alcohol	LC 50 (Lepomis macrochirus (Bluegill sunfish), 96 h): 10 mg/l LC 50 (Leuciscus idus (Golden orfe), 48 h): 646 mg/l
Copolymer of formaldehyde and aniline, hydrogenated	LC 50 (Poecilia reticulata, 96 h): 63 mg/l
Salicylic acid	LC 50 (Pimephales promelas, 96 h): 1,370 mg/l

Aquatic Invertebrates

Product: No data available.

Components:

benzyl alcohol	EC 50 (Daphnia magna, 24 h): 400 mg/l
Copolymer of formaldehyde and aniline, hydrogenated	EC 50 (Daphnia magna, 48 h): 15.4 mg/l
Salicylic acid	EC 50 (Daphnia magna, 48 h): 870 mg/l

Toxicity to Aquatic Plants

Components:

benzyl alcohol	EC 50 (Scenedesmus quadricauda (Green algae), 96 h): 640 mg/l
Copolymer of formaldehyde and aniline, hydrogenated	EC 50 (Desmodesmus subspicatus (green algae), 72 h): 43.94 mg/l
Salicylic acid	EC 50 (Desmodesmus subspicatus (green algae), 72 h): > 100 mg/l (OECD 201)

Toxicity to microorganisms

Product: No data available.

Components:

benzyl alcohol	EC 50 (Bacteria, 0.5 h): 71.4 mg/l
Copolymer of formaldehyde and aniline, hydrogenated	EC 50 (Alga, 3 h): 186.7 mg/l
Salicylic acid	EC 50 (Pseudomonas putida, 16 h): 380 mg/l

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Components:

benzyl alcohol	No data available.
Copolymer of formaldehyde and aniline, hydrogenated	No data available.
Salicylic acid	No data available.

Aquatic Invertebrates

Product: No data available.

Components:

benzyl alcohol	No data available.
Copolymer of formaldehyde and aniline, hydrogenated	No data available.
Salicylic acid	NOEC (Daphnia magna, 21 d): 10 mg/l

Toxicity to Aquatic Plants

Product: No data available.

Components:

benzyl alcohol	No data available.
Copolymer of formaldehyde and aniline, hydrogenated	No data available.
Salicylic acid	No data available.

Toxicity to microorganisms

Product: No data available.

Components:

benzyl alcohol	EC 50 (Bacteria, 0.5 h): 71.4 mg/l
Copolymer of formaldehyde and aniline, hydrogenated	EC 50 (Alga, 3 h): 186.7 mg/l
Salicylic acid	EC 50 (Pseudomonas putida, 16 h): 380 mg/l

Persistence and Degradability Biodegradation

Product: No data available.

Components:

benzyl alcohol	92 - 96 % (28 d, OECD 301 C), Readily biodegradable
Copolymer of formaldehyde and aniline, hydrogenated	0 % (28 d) The product is not biodegradable.
Salicylic acid	The product is easily biodegradable.

BOD/COD Ratio

Product: No data available.

Components:

benzyl alcohol	No data available.
Copolymer of formaldehyde and aniline, hydrogenated.	No data available.
Salicylic acid	No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Components:

benzyl alcohol	No data available.
Copolymer of formaldehyde and aniline, hydrogenated	Cyprinus carpio (Carp), Does not bioaccumulate
Salicylic acid	No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: Log Kow: No data available. Not required by safety or application considerations.

Components

benzyl alcohol	No data available.
Copolymer of formaldehyde and aniline, hydrogenated	Log Kow: 2.68 21 °C
Salicylic acid	No data available.

Mobility in soil:

Product No data available.

Components:	
benzyl alcohol	No data available.
Copolymer of formaldehyde and aniline, hydrogenated	No data available.
Salicylic acid	No data available.
Product	No data available.
Components:	
benzyl alcohol	No data available.
Copolymer of formaldehyde and aniline, hydrogenated	Non-classified vPvB substance, Non-classified PBT substance
Salicylic acid	No data available.

Other adverse effects:
Other hazards
Product: Do not allow to enter soil, waterways or waste water canal.
No tests were performed with this mixture.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ADG
Not regulated as a dangerous good

International Regulations

UNRTDG
Not regulated as a dangerous good

IATA-DGR
Not regulated as a dangerous good

IMDG-Code
Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:
Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

AICIS Status: All components of this product are listed on or exempt from the Australian Inventory of Industrial Chemicals (AIIC).

NZ EPA Status: All components of this product are listed on or exempt from the New Zealand Inventory of Chemical (NZIoC).

16. OTHER INFORMATION

Reason for issue: Revised

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since the company cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.