

Hazardous, NON-Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: GALAXIE PU ECOClean

Synonyms

Galaxie PU ECOClean 20KG

Product Code

GALPUECLN20

Recommended use: Cleaning of equipment used for injection of PU resins

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 GHS7.



Signal Word

Warning

Hazard Classifications

Serious Eye Damage/Irritation (Category 2)

Hazard Statements

H319 Causes serious eye irritation.

Prevention Precautionary Statements

P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P264 Wash hands and face thoroughly after handling.
P280 Wear protective gloves/protective clothing including eye/face protection.

Response Precautionary Statements

P337 + P313 If eye irritation persists: Get medical advice.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Poison Schedule: Not Applicable

DANGEROUS GOOD CLASSIFICATION

Not 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".

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
Propylene carbonate	108-32-7	>90 % (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 to fresh air and keep at rest in a position comfortable for breathing. If respiratory symptoms persist, get medical advice/attention. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.

Skin Contact: Remove and isolate contaminated clothing and shoes. Immediately flush skin with running water for at least 15 minutes. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing and shoes before reuse

Eye contact: Immediately flush eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists, get medical advice/attention; Subsequently consult an ophthalmologist.

Ingestion: Rinse mouth, then give small quantities of water to drink. Do not induce vomiting. Get medical advice/attention if you feel unwell. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazchem Code: Not applicable.

General Measures

If safe to do so, move undamaged containers from fire area. Cool containers with water spray until well after fire is out.

Flammable solution; may burn but does not ignite readily.

Suitable extinguishing media: Use dry chemical, Carbon dioxide (CO₂), foam or water spray for extinction - Do not use high power water jet. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Fire fighting further advice: On burning or decomposing may emit produce irritating and/or toxic gases, including carbon monoxide and carbon dioxide.. 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

Dangerous Goods - Initial Emergency Response Guide No: Not applicable

General Response Procedure

Ensure adequate ventilation. ELIMINATE all ignition sources. Do not touch or walk through spilled material. Avoid

breathing vapours and contact with eyes, skin and clothing.

Clean Up Procedures

Absorb with earth, sand or other non-combustible material and transfer to suitable, closed containers for disposal (see SECTION 13).

Containment

Stop leak if safe to do so

Prevent entry into waterways, drains or confined areas.

Decontamination

No information available.

Environmental Precautionary Measures

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Inform the relevant

authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Evacuation Criteria

Spill or leak area should be isolated immediately. Evacuate surrounding areas Keep unauthorised/unprotected personnel away.

Personal Precautionary Measures

Use personal protective equipment as required (see SECTION 8).

7. HANDLING AND STORAGE

Handling

Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid breathing mist/vapours and contact with eyes, skin and clothing. Do not ingest. Use personal protective equipment as required (see SECTION 8).

Combustible liquid: Keep away from heat and sources of ignition - No smoking. Earth (ground) lines and

equipment used during transfer to reduce possibility of static spark initiated fire or explosion.

Storage

Store in a cool, dry and well-ventilated place, out of direct sunlight. Keep container tightly closed.

Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Protect from moisture/humidity. Keep away from heat and sources of ignition - No smoking. Keep away from foodstuffs and incompatible materials (see SECTION 10). Use appropriate containment to avoid environmental contamination.

Container

Keep in the original container or an approved alternative made from a compatible material. Do not store in unlabelled containers.

*Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

General

No specific exposure standards are available for this product.

Safety Data Sheet

Derived no-effect levels (DNELs) for workers:

Dermal (long-term, systemic effects): 20mg/kg bw/day

Dermal (long-term, local effects): 10 mg/kg bw/day

Inhalative (long-term, systemic effects): 70.53mg/m³

Inhalative (long-term, local effects): 20mg/m³

Exposure Limits

No Data Available

Engineering Measures

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Protection Equipment

Respiratory protection: Wear respiratory protection if vapours form. Recommended: Filter type A, against vapours of organic substances (refer to AS/NZS 1715 & 1716).

Eye/face protection: Wear appropriate eye protection to avoid eye contact.

Recommended: Tightly sealed goggles.

Hand protection: Handle with gloves. Recommended: Chemical-resistant, impervious gloves, e.g. natural rubber (latex) or nitrile rubber.

Skin/body protection: Wear appropriate personal protective clothing to avoid skin contact.

Recommended: Standard work wear and safety boots for normal handling and use.

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Special Hazards Precautions

Work Hygienic Practices Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of workday. Take off contaminated clothing and wash it before reuse.

Biological Limits

Predicted no-effect concentrations (PNECs):

Freshwater: 0.9mg/L

Marine water: 0.09mg/L

Intermittent release: 9mg/L

Soil: 0.81mg/kg dw.

STP: 7,400 mg/L

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Clear
Odour:	Mild, characteristic.
Solubility:	soluble in water.
Specific Gravity:	1.2
Relative Vapour Density (air=1):	>1
Vapour Pressure:	0.06 hPa (@ 25)
Flash Point (°C):	116
Flammability Limits (%):	N App
Autoignition Temperature (°C):	N Av
Melting Point/Range (°C):	N Av

Safety Data Sheet

Boiling Point/Range (°C): 242
pH: N App
Viscosity: >10Cps
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 stable when stored and used as directed.

Conditions to avoid: Keep away from heat and sources of ignition. Protect from moisture/humidity.

Materials to avoid: Incompatible/reactive with strong oxidising agents, reducing agents, acids, bases, peroxides

Hazardous decomposition products: Fire/decomposition may produce irritating and/or toxic gases, including Carbon monoxide and carbon dioxide.

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: low hazard

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

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

Eye contact: An eye irritant.

Acute toxicity

Based on available data, the classification criteria are not met. May cause nausea, vomiting, headache, central nervous system depression

Inhalation: This material has been classified as a Category 1 Hazard. Acute toxicity estimate (based on ingredients): LD₅₀>5000 mg/kg bw

Skin contact: This material has been classified as not hazardous for acute dermal exposure. Acute toxicity estimate (based on ingredients): LD₅₀ > 5,000 mg/kg bw

Ingestion: This material has been classified as not hazardous for acute ingestion exposure. Acute toxicity estimate (based on ingredients): LD₅₀ > 5,000 mg/kg bw

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

Chronic Toxicity

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

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

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

Not 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".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

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:

The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth): Not Applicable.

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.