

Material Safety Data Sheet Defoamer

Section 1. Identification

Product Name: DEFOAMER

Recommended Use: Defoaming Agent

Supplier: Genesis Industrial Pty Ltd, 6 Ginger Street, Paget 4740 **Phone No:** 0424785349

Emergency Phone No - 13 11 26 – Poisons Information Centre

Section 2. Hazards Identification

Not classified as hazardous according to the criteria of NOHSC and not classified as a dangerous good according to the ADG code.

Risk phrases:

N/A

Safety phrases:

S2 Keep out of reach of children.

S24/25 Avoid contact with skin

Section 3. Composition Information

Ingredient Name	CAS No	Proportions
POLY DIMETHYL SILOXANE	555-67-2	10 to 30%
MISCELLANEOUS NON HAZARDOUS INGREDIENTS INCLUDING WATER = BALANCE		

Section 4. First Aid

Swallowed: If swallowed, DO NOT induce vomiting. If victim is conscious give water. If sickness persists transport to hospital or doctor.

Eye: If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eyelids are held open. If irritation persists transport to hospital or doctor.

Skin: If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available. If irritation persists transport to hospital or doctor.

Inhaled: Open all doors, windows and/or vents. Move victim to fresh air. Apply resuscitation if victim is not breathing - If trained personnel available administer oxygen if breathing is difficult.

First Aid Facilities: Eye wash fountain, safety shower and normal washroom facilities.

Advice to Doctor: Treat symptomatically

Section 5. Fire Fighting Measures

Fire/Explosion Hazard

If safe to do so, move undamaged containers from fire area.

Hazardous Decomposition Products: Decomposes on heating emitting soot, smoke and decomposition products.

Fire Fighting Procedures: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

Extinguishing Media: Use extinguishing media suitable for surrounding fire situation.

Flammability: This material is not a flammable or combustible liquid

Section 6. Accidental Release Measures

Material may be slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Bund area using sand or soil - to prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labeled containers for disposal. Remainder of material can be washed to drain with plenty of water.

Disposal: For disposal information contact the State Land Waste Management Authority or the Environmental Protection Agency.

Section 7. Handling and Storage

Handling Repeated or prolonged exposure to the concentrate without personal protection should be avoided in order to lessen the possibility of disorders. It is essential that all who come into contact with this material maintain good standards of personal hygiene ie. washing hands prior to eating, drinking or going to the toilet. Use only in a well ventilated area. Keep container closed and bung in place.

Storage This product should be stored in a cool, dry, well ventilated area, out of the reach of children and away from oxidising agents. Do not store for prolonged periods in direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

Section 8. Exposure Controls and Personal Protection

Exposure Limits No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC). However as with all chemicals, exposure to concentrate should be kept to the least possible levels.

Inhalation: Avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. The use of a P1 dust mask (disposable) or with replaceable filters is recommended for use in confined spaces or when fine aerosols are generated.

Eye Protection Safety glasses.

Hand Protection Plastic or rubber gloves recommended. Incidental skin contact is not harmful..

Body Protection N/A.

Eng. Controls N/A.

Other information No Biological Limit Value allocated.

Section 9. Physical and Chemical Properties

Appearance:	Milky, low viscosity fluid with feint added perfume
Boiling Point Melting Point:	100 oC
Vapour Pressure:	N/Av
Specific Gravity:	1.00
Flash Point:	Non flammable
Flammability Limits:	Non flammable
Solubility in Water:	Miscible

Section 10. Stability and Reactivity

Stability	Stable under normal conditions of storage and handling.
Hazardous Polymerization	Will not occur.
Materials to Avoid	Strong oxidizing agents..
Hazardous Decomposition Products	None known.
Hazardous Reaction	Not a fire hazard.

Section 11. Toxicological Information

Toxicology Information Not available

Inhalation Ingredients are considered non hazardous when used as directed
Ingestion Not a likely source of exposure, however, moderate quantities of concentrate may cause irritation. Potential symptoms include nausea, diarrhoea, abdominal pain and vomiting.
Skin May cause skin irritation prolonged contact with the concentrate, which can result in redness, itchiness, swelling and possibly lead to dermatitis. No known effects through continual exposure to dilute solutions.
Eye The concentrate may be a possible eye irritant. May cause eye soreness.
Chronic Effects No known adverse effects

Section 12. Ecological Information

Environ. Protection Not harmful to aquatic life when used according to directions. Not harmful to birdlife.
Mobility No data is available for this product.

Section 13. Disposal Considerations

Waste Disposal Refer to State Territory Land Waste Management Authority.

Section 14. Transport Information

Transport Information Not classified as Dangerous Goods according to the ADGC.
IMO Marine Pollutant At the concentration contained in this product, not classified by IMO to be a Marine Pollutant.

Section 15. Regulatory Information

RISK PHRASES

Nil

SAFETY PHRASES

S25 Avoid contact with eyes.

S36/37 Wear suitable protective clothing and gloves.

S45 In case of accident or if you feel unwell, contact a doctor or Poisons Information Centre immediately and show this container or label.

Poisons Schedule Not Scheduled

AICS (Australia) All ingredients are listed in the Australian Inventory of Chemical Substances (AICS).

Section 16. Other Information

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Contact Person/Point Genesis Industrial Pty Ltd, Technical Manager