

SAFETY DATA SHEET



PCT International Pty Ltd

ABN 44 101 170 923

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Reactor DEFOAMER

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Product Name: Reactor DEFOAMER
Product Code: n/a
Product Use: Antifoaming agent
Application: To suppress or control the formation of excess foam in aqueous media.
Supplier: PCT International Pty Ltd
ABN: 44 101 170 923
Street Address: Unit 5/74 Murdoch Circuit, ACACIA RIDGE QLD 4110
Telephone: 07 3711 7022
Facsimile: 07 3711 7055
Emergency telephone Number: 07 3711 7022
UN Number: None allocated.
Dangerous Goods Class: None allocated.
Hazchem Code: None allocated.
Poisons Schedule: None allocated

MSDS Creation Date: 12th December 2016

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Properties: Liquid

Ingredients	CAS NO.	Proportion (% weight/weight)
Water	7732-18-5	>60%
Polydimethylsiloxane compounds	63148-62-9	10-30%
Emulsifiers & Preservatives	Mixture	<10%

3. HEALTH HAZARD DATA

Statement of Hazardous Nature;

This product is classified as: Not classified as hazardous according to the criteria of SWA.

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Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code. However, this is a C1 Combustible Liquid so must be stored and handled as specified in AS 1940 "The storage and handling of flammable and combustible liquids."

Risk Phrases: R66. Repeated exposure may cause skin dryness or cracking.

Safety Phrases: S36, S24/25. Wear suitable protective clothing. Avoid contact with skin and eyes

SUSMP Classification: None allocated.

ADG Classification: None allocated. Not a Dangerous Good under the

ADG Code. UN Number: None allocated

GHS Signal word: WARNING

HAZARD STATEMENT:

H302: Harmful if swallowed.

H315: Causes skin irritation.

H319: Causes serious eye irritation

General Precautionary Statement (s);

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

Pictogram (s);

Exclamation mark,

The below pictograms are GHS Hazard symbols for workplace use only. See SECTION 14 for Dangerous Goods information.



PREVENTION

P280 Wear protective gloves, clothing, eye and face protection.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash contacted areas thoroughly after handling.

P270: Do not eat, drink or smoke when using this product

RESPONSE

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

P303+P361+P353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.

P332+P313: If skin irritation occurs: Get medical advice.

P337+P313: If eye irritation persists: Get medical advice. P391: Collect spillage.

P370+P378: In case of fire, use carbon dioxide, dry chemical, foam, water fog.

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STORAGE

P402+P404: Store in a dry place. Store in a closed container.

P403+P235: Store in a well-ventilated place. Keep cool.

DISPOSAL

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

4. FIRST AID MEASURES

Inhalation	Remove affected person to fresh air until recovered. If symptoms develop or persist, seek medical advice.
Ingestion	If swallowed do NOT induce vomiting. Give water. Seek medical advice.
Skin	If on skin wash skin thoroughly with soap and water. If irritation persists, seek medical advice.
Eye	If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes. Seek medical advice.
Advice to Doctor:	Treat symptomatically.

5. FIRE & EXPLOSION HAZARD

Not flammable under conditions of use.

Not dangerous. However if product is burnt it may produce carbon monoxide in a restricted atmosphere.

Flammability Limits: Not applicable. This product is not flammable.

Extinguishing Media Carbon dioxide, dry chemical, foam.

Ignition Source: Do not store with strong oxidizing agents such as chlorine and organic peroxides.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal	Contain spill and absorb with clay, sand, soil or proprietary absorbent (such as vermiculite). Collect spilled material and waste in sealable open-top type containers for disposal.
Personal Protection	For appropriate personal protective equipment (PPE), refer Section 8.

7. SAFE HANDLING INFORMATION

Storage & Transport:	Not classified as a dangerous good. No special storage and transport requirements. This product has no UN classification.
Spills & Disposal:	All spills will result in potentially hazardous slippery surfaces and should be dealt with promptly. Absorb on sawdust or other suitable material. Sweep up and dispose of in landfill or by burning in accordance with local rules. Do not contaminate any streams, lakes or ponds.
Chemical Reactivity:	Avoid contact with strong oxidizing agents such as chlorine and organic peroxides

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure

Standards: No information available. Use sensible work practices to reduce operator exposure.

Engineering Controls: No special ventilation required. Oil coatings on equipment and floors are slippery and may lead to physical injury due to falls. Use non-skid aids where spills may occur.

Personal Protection: It is good practice to wear suitable personal protective equipment (PPE). Consult the companion herbicide label for instructions on the protective clothing requirements.

Hygiene Measures: After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash contaminated clothing and safety equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance White viscous liquid with mild odour.
Boiling Point 100 °C
Solubility in Water Disperses readily in water.
Specific Gravity (H₂O=1) 0.99g/mL at 20°C
Flashpoint: >100°C

10. STABILITY AND REACTIVITY

Hazardous Reactions Keep away from strong oxidising agents.

Hazardous

Polymerization Hazardous polymerisation is not possible.

11. TOXICOLOGICAL INFORMATION

Inhalation The components of the product are of low volatility and no adverse effects are expected from handling the concentrate. However, care should be taken to avoid the inhalation of excessive amounts of spray mist during field spraying, respiratory irritation may occur.

Ingestion Ingestion of the concentrate in relatively large amounts can result in headache, nausea, lethargy, motor weakness and incoordination. If aspirated into the lung, e.g. from vomiting, the presence of surfactants may result in chemical pneumonitis or other lung damage.

Skin Prolonged contact with the concentrate may cause irritation. Prolonged contact with the concentrate can cause defatting of the skin and may result in dermatitis. Prolonged contact with the concentrate may result in absorption of glycol ether in harmful amounts.

Eye The concentrate may cause irritation of the eyes unless washed off immediately.

Chronic Effects No information available, no chronic effects expected.

Acute Toxicity - Oral LD50 (rat) 1995 mg/kg for sodium laureth sulfate
LD50(rat) 500-5000mg/kg for alpha olefin sulphonate
LD50 (rat) >6560 mg/kg for glycol ether
LD50 (rat) >5000 mg/kg for fatty alcohol

Acute Toxicity - Dermal

LD50 (rat) 2800 mg/kg for glycol ether
LD50 (rabbit) 400-2000mg/kg for alpha olefin sulphonate

Eye Irritation

The product is an eye irritant.

Skin Irritation

The product is a skin irritant.

PCT INT'L Pty Ltd

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12. ECOLOGICAL INFORMATION

Summary of Assessment of Environmental Impact

The material is biodegradable as determined by Australian Standard AS1792-1976.

Other Precautions Do not contaminate dams, waterways or sewers with this product or the containers which have held this product.

13. DISPOSAL CONSIDERATIONS

Product Disposal On site disposal of the concentrated product is not acceptable. Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authorities who hold periodic collections of unwanted chemicals (ChemCollect).

Container Disposal Triple rinse containers, add rinsate to the spray tank, then offer the container for recycling/reconditioning, or puncture top, sides and bottom and dispose of in landfill in accordance with local regulations. drumMUSTER is the national program for the collection and recycling of empty, cleaned, non returnable crop production and on-farm animal health chemical containers. If the label on your container carries the drumMuster symbol, triple rinse the container, ring your local Council, and offer the container for collection in the program. If not recycling, puncture or shred and bury containers in local authority landfill. Empty containers and product should not be burnt.

14. TRANSPORT INFORMATION

U.N. Number	None Allocated
Proper Shipping Name	None Allocated
DG Class	None Allocated
Hazchem Code	None Allocated
Packing Group	None Allocated
Storage and Transport	Considered non dangerous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

Poisons Schedule	Not Scheduled
Packaging & Labelling	READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Hazard Category	Irritant
AICS (Australia)	All of the components in this product are listed on the Australian Inventory of Chemical Substances.

16. OTHER INFORMATION

Contact Person All Hours: Mr David Pearson Phone: 1800 630 877

...End Of SDS...