

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY:

DELFOAM

SUPPLIER NAME: Zelam Limited
SUPPLIER CODE: None
SUPPLIER ADDRESS: Hudson Road, Bell Block, New Plymouth, New Zealand
SUPPLIER PHONE: +64 6 7559234 SUPPLIER FAX: +64 6 7551174
EMERGENCY PHONE: 0800 243 622, 0800 CHEMCALL
CHEMICAL FAMILY: Octylphenol ethoxylated alcohol USE: Surfactant

2. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME:	CAS NUMBER:	CONCENTRATION %:	HAZARD CLASSIFICATIONS:
Glycol ether	112-34-5	<15%	
Octoxynol-9	42173-90-0	>85%	

3. HAZARDS IDENTIFICATION:

Will cause severe eye irritation, pain and reddening of the conjunctiva.
Mists and sprays may cause irritation to respiratory tract.

4. FIRST - AID MEASURES:

EYE CONTACT: Immediately flush with flowing water for at least 15 minutes. Seek medical attention if irritation persists.
SKIN CONTACT: Wash with plenty of soap and flowing water for at least 15 minutes while removing contaminated clothing. Wash clothing before reuse.
INHALATION: If ill-effects occur, move victim to fresh air. If ill effects persist, consult a doctor.
INGESTION: If swallowed, rinse mouth with water immediately. DO NOT induce vomiting. Seek medical attention.
NOTES TO DOCTOR: Temporary allergy - redness of eyes and exposed skin. Antihistamines or steroid creams have been effective in treatment of skin.

5. FIRE FIGHTING MEASURES:

FLASHPOINT: >100°C
FLAMMABLE LIMITS: Not Applicable.
EXTINGUISHING MEDIA: Dry chemical, water spray (fog), foam or carbon dioxide.
THERMAL DECOMPOSITION PRODUCTS: Oxides of carbon: carbon dioxide and carbon monoxide.
SPECIAL FIRE FIGHTING METHODS: Combustible high flash point product. Addition of water may cause excessive foaming. Self contained breathing apparatus recommended. Do not allow contaminated runoff to enter drains.
UNUSUAL FIRE OR EXPLOSION HAZARDS: None.

6. ACCIDENTAL RELEASE MEASURES:

Use appropriate protective equipment - glasses or goggles, overalls and gloves. Large spill: dike and pump as much as possible to a salvage container. Absorb the remaining liquid and any small spills with clay granules, sand or other absorbent material and sweep to a waste container. Cover the spill area with water and absorb. Minimise runoff into waterways or drains.

7. HANDLING AND STORAGE:

Store in properly labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS: Not established by OSHA.
EYE PROTECTION: Chemical goggles or face shield where splash may occur.
RESPIRATORY PROTECTION: No special protective requirements needed for handling.
PROTECTIVE CLOTHING: PVC-coated gloves. Avoid skin contact. If skin contact or contamination of clothing is likely, protective clothing should be worn.
VENTILATION: General (mechanical) room ventilation is considered satisfactory.
HYGIENE PRECAUTIONS:

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE / STATE / ODOUR: Clear colourless liquid.

BOILING POINT:	>230°C	pH:	9 -10
DENSITY:	1.05.	SETTING POINT:	<0°C
DECOMPOSITION TEMP:	Not Available.	AUTOIGNITION TEMP:	Not Applicable.
FLASHPOINT:	>100°C	VAPOUR DENSITY:	Not Available.
EXPLOSION PROPERTIES:	Not Available	VAPOUR PRESSURE:	< .001 kPa
SOLUBILITY:	Soluble in water.		
OTHER DATA:			

OCTANOL / WATER PARTITION COEFFICIENT: Not Available.

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID: Prolonged excessive heat above 100°C
MATERIALS TO AVOID: Strong bases at high temperatures and strong oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide and carbon monoxide.

11. TOXICOLOGICAL INFORMATION:

ACUTE ORAL: Low single dose toxicity. LD50 (female rat) >707 mg/Kg.
ACUTE DERMAL: Mild dermal irritation. Percutaneous Rabbit male: 8g/kg occluded.
ACUTE INHALATION: May cause irritation to the respiratory tract.
OTHER TOXICITY INFORMATION: Eye contact - irritation (conjunctivitis) disappears after 7 days, (rabbits).

12. ECOLOGICAL INFORMATION:

Fish LC 50 (96 hr) for fathead minnow 3.2 - 8.9 mg/L Daphnia LC 50 (48 hr) 26 mg/L

13. DISPOSAL CONSIDERATIONS:

Dipose of unused dilute solutions by spraying on waste ground away from streams aquifers and waterways.

14. TRANSPORT INFORMATION:

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S UN Hazard Class: 9.
UN Number: 3082 Packing Group: III
Hazchem Code: 2X
Additional Information: Contains Octoxynol-9.

15. REGULATORY INFORMATION:

This product DOES NOT have Approved Handler, Tracking, or Record Keeping Requirements.

16. OTHER INFORMATION:

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.