

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

MULTI-FILM EXTRA

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: Nonyl phenol USE: Surfactant

2. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME:	CAS NUMBER:	CONCENTRATION %:	HAZARD CLASSIFICATIONS:
Mixed alkyl aryl polyoxethylene glycols		100	

3. HAZARDS IDENTIFICATION:

Mild irritation to eyes and skin.
Temporary allergy - redness of eyes and exposed skin may occur from excessive exposure.

4. FIRST - AID MEASURES:

EYE CONTACT: Gently rinse the affected eyes with flowing water for at least 15 minutes. Get prompt medical attention.
SKIN CONTACT: Remove contaminated clothing immediately. Flush with flowing water and wash with soap and water immediately for at least 15 minutes. Wash clothing before reuse.
INHALATION: If ill-effects occur, remove to fresh air.
INGESTION: If swallowed, drink several glasses of water. Do not induce vomiting. Seek medical advice.
NOTES TO DOCTOR: Temporary allergy - redness of eyes and exposed skin may occur from excessive exposure.

5. FIRE FIGHTING MEASURES:

FLASHPOINT: 240-260°C (PMCC)
FLAMMABLE LIMITS: Not established.
EXTINGUISHING MEDIA: Foam, Carbon dioxide, Dry chemical or Water spray (fog). Dry chemical, water spray (fog), foam or carbon dioxide.
THERMAL DECOMPOSITION PRODUCTS: Include oxides of carbon and nitrogen.
SPECIAL FIRE FIGHTING METHODS: Addition of water may cause excessive foaming. Vapours may be toxic. Self contained breathing apparatus required. Do not allow contaminated runoff to enter drains.
UNUSUAL FIRE OR EXPLOSION HAZARDS: None.

6. ACCIDENTAL RELEASE MEASURES:

Spills may be slippery and should be cleaned up immediately. Use appropriate protective equipment. 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 steel, HDPE or glass lined vessels. Wear personal protective equipment appropriate to the situation when handling product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS: Not established by OSHA.
EYE PROTECTION: Chemical goggles or face shield when handling.
RESPIRATORY PROTECTION: Air respirator with organic vapour canister or self contained breathing apparatus when exposed to vapours from heated material.
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: Do not eat drink or smoke while working with this product. Remove clothing that becomes soaked or contaminated and wash before reuse. Wash hands before breaks and after work. The use of a skin barrier cream is useful to give additional skin protection.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE / STATE / ODOUR:	Clear liquid.		
BOILING POINT:	180°C.	pH:	6.0 - 7.0.
DENSITY:	1.04 - 1.06.	SETTING POINT:	Not Available.
DECOMPOSITION TEMP:	Not Available.	AUTOIGNITION TEMP:	Not Available.
FLASHPOINT:	240-260°C (PMCC)	VAPOUR DENSITY:	Not Available.
EXPLOSION PROPERTIES:	Not Available.	VAPOUR PRESSURE:	Not Available.

SOLUBILITY: Mixes readily with water.
OTHER DATA:
OCTANOL / WATER PARTITION COEFFICIENT: Not Available.

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID: None.
MATERIALS TO AVOID: None.
HAZARDOUS DECOMPOSITION PRODUCTS: None.

11. TOXICOLOGICAL INFORMATION:

ACUTE ORAL: LD50 (male rat) >2000 mg/kg.
ACUTE DERMAL: No adverse effects were observed in rats given dermal applications of 500 mg/Kg daily.
ACUTE INHALATION:
OTHER TOXICITY INFORMATION: Mild irritation to eyes (conjunctivitis) disappears after 7 days.
Teratogenicity and reproductive effects: Oral rat 250 or 500 mg/Kg/day caused a decrease in maternal weight gain and an increase in the incidence of extra ribs and dilated pelvic cavity in fetuses.

12. ECOLOGICAL INFORMATION:

No information available.

13. DISPOSAL CONSIDERATIONS:

This product is not a hazardous material. Therefore it can be disposed of as an industrial waste in a manner acceptable to good waste management practice and in compliance to all regulations.

14. TRANSPORT INFORMATION:

Proper Shipping Name:	NOT APPLICABLE	UN Hazard Class:	N/A
UN Number:	N/A	Packing Group:	N/A
Hazchem Code:	2 [Z]		
Additional Information:	Contains Mixed alkyl aryl polyoxethylene glycols.		

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.