

SAFETY DATA SHEET

SPEEDO[®]

Date of Issue: 19th January, 2009

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): Ethyl and Methyl Esters of Fatty Acids produced from Refined Oil Seed Rape (Other names – Esterified Seed Oil [ESO])

Recommended use:

Supplier: Elliott Technologies Limited
Unit 5, 42 Ormiston Road
East Tamaki
Phone 0800 100 325

Emergency telephone number: 0800 Poison (0800 764 766) 24 Hours

2. HAZARDS IDENTIFICATION

Hazard Classification: Not Classified as Hazardous

Required identification Details: NA

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
Methyl and Ethyl Free Fatty Acids	N/A	> 70%

4. FIRST-AID MEASURES

Description of necessary first aid measures:

Effects and symptoms

First-aid measures

Inhalation: No Adverse effects expected

Ingestion: Not classified as harmful but ingestion of large quantities may lead to nausea, vomiting or diarrhea.

Skin contact: Mildly irritating to skin. Prolonged or repeated exposure may lead to drying of the skin.

Eye contact: Mildly irritating to eyes .

Notes to a physician: Treat symptomatically

5. FIRE-FIGHTING MEASURES

HAZCHEM Code:	2[X]
Extinguishing media :	Water fog, foam, dry chemical or carbon dioxide, BCF.
Hazardous thermal (de)composition products:	Products of combustion may include carbon dioxide, carbon monoxide, smoke and fumes
Protection of fire-fighters:	Fire fighters should wear self contained breathing apparatus if risk of exposure to vapours or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid contact with skin, eyes and clothing. Use protective clothing.
Environmental precautions:	Do not discharge into drains, surface water or ground water.
Methods for cleaning up:	Collect and seal in labelled containers for disposal. Small spills can be washed with plenty of water.

7. HANDLING AND STORAGE

Handling:	No special precautions
Storage:	Keep out of reach of children. Store in original containers, tightly closed in a cool well ventilated area. Avoid prolonged storage in direct sunlight. Avoid storage below 0°C as this may cause the product to become cloudy and thicken. This is reversible once temperatures return to above 0°C.
Packaging materials:	Packed in HDPE containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Guidelines

Workplace exposure standards:	None established
Exposure Standards outside: The workplace:	None established

Engineering measures

Exposure control measures:	Ensure adequate ventilation.
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Personal Protective Equipment

Detail specifications for equipment:

Respiratory system:	Avoid inhalation. No special equipment prescribed.
Skin and body:	Wear suitable protective clothing, long trousers, long sleeved shirt and suitable foot wear.
Hands:	Wear chemical resistant gloves.
Eyes:	Wear safety glasses.
General hygiene:	Wash thoroughly with soap and water after using the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State, odour & colour:	Clear Straw coloured liquid with distinctive odour
pH:	6-8 @ 1% solution.
Freezing/melting point:	
Solubility:	Disperses in water
Specific gravity or density:	0.9 approximately at 20°C
Flashpoint:	>150 °C
Explosion properties:	Not explosive
Oxidation properties:	Not an Oxidiser

10. STABILITY AND REACTIVITY

Stability:	Stable for a minimum 2 years when stored correctly
Conditions to avoid:	Freezing, prolonged exposure to sunlight and excessive heat.
Materials to avoid:	None known
Hazardous decomposition Products:	CO, CO ₂ , Smoke and Vapours
Hazardous polymerization:	NA
Specific Data:	
Hazardous reactions :	None known

11. TOXICOLOGICAL INFORMATION

Acute toxicity – Oral :	>5000 mg/kg
Acute toxicity - Dermal :	>5000 mg/kg
Acute toxicity – Inhalation:	May produce some dizziness and nausea at high concentrations.
Skin irritation :	May lead to mild irritation.
Eye irritation:	Mild irritant
Sensitization :	Not a sensitiser
Chronic toxicity	
Carcinogenicity:	No Information available
Mutagenicity:	No Information available
Reproduction toxicity:	No Information available
Other information :	

12. ECOLOGICAL INFORMATION

Ecotoxicity Readily biodegradable. Do not contaminate streams, rivers and other water bodies with chemical or used containers.

13. DISPOSAL CONSIDERATIONS

Methods of disposal : Triple rinse container and add wash to the sprayer tank. Return washed containers to an Agrecovery™ site or burn if permitted and conditions, especially wind direction are suitable. Unwanted product should be used by another operator as per label directions.

14. TRANSPORT INFORMATION - International transport regulations

UN number: NA
Class or Division: NA
Sub Class: NA
Packing Group: NA
Marine Pollutant: NA
Proper shipping name : NA

Other Information:

15. REGULATORY INFORMATION

ACVM Registered Number: NA
HSNO Approval Code: Not an Hazardous substance

16. OTHER INFORMATION

Additional information: **Original Issue Date:** 19th January 2009
Revision Date: N/A
Replaces: N/A

Disclaimer

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