



Material Safety Data Sheet FS140 Flocculant Solvent

1.0 COMPANY DETAILS

Company name	The Environmental Warehouse (ABN 30 074 812 758)
Address	P.O. Box 48, Swansea. NSW 2281 Australia
Telephone	02 4972 1005
Facsimile	02 4972 1220

2.0 PRODUCT IDENTIFICATION

Identifier	Classification
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Product Name	FS140 or Flocculant Solvent
Proper Shipping Name	None allocated
U.N. No.	None allocated
Hazchem	None allocated
D.G. Class	None allocated
Poisons Schedule	S5
Product Use	Cleaning agent
CAS No.	Commercially Confidential

Physical Data:

Characteristic	Technical Data
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Appearance	Yellow liquid with a faint characteristic odour
Melting Point	Not available
Boiling Point:	104 °C
Vapour Pressure	Not available
Specific Gravity	1.25
Flash Point	Not applicable
Flammability Limit LEL	Not applicable
Water Solubility	Soluble

Classified as hazardous according to criteria of NOHSC

Other Properties:

Characteristic	Technical Data
pH Value	11.5 - 12.0
Stability	Stable under normal conditions
Hazardous Polymerisation	Will not occur
Materials to avoid	Strong acids

Ingredients:

Name	CAS	Proportion
Ingredients determined not to be hazardous		30-60%
Alkaline salts	Proprietary	30-60%

3.0 HEALTH HAZARD INFORMATION

Health Effects:

Exposure Type	Risk
Acute - Swallowed	The liquid may irritate the gastrointestinal tract and may cause nausea and vomiting
Acute - Eye	The liquid is irritating to the eyes.
Acute - Skin	The liquid may irritate the skin
Acute - Inhaled	The vapour/mist may irritate the upper respiratory tract. Product is non-volatile so inhalation is unlikely.
Acute - Chronic	Prolonged or repeated skin contact may cause dermatitis.

First Aid:

Exposure Type	Risk
Swallowed	Wash mouth out with water. Do not induce vomiting, give water to drink and seek medical attention.
Eye	Immediately irrigate with copious amounts of water for at least 15 minutes. Eyelids to be held open. Seek medical attention.
Skin	Wash with soap and water. Remove contaminated clothing.
Inhaled	Remove to fresh air. If irritation continues seek medical attention.
First Aid Facilities	Eye wash bottle and normal washroom facilities.

Advice To Doctor:

Advice To Doctor Treat symptomatically.

Classified as hazardous according to criteria of NOHSC

4.0 OTHER HEALTH HAZARD INFORMATION

Precautions For Use:

Exposure Limits No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC).

Engineering Controls Use in well ventilated areas. Some flocculants may release limited amounts of ammonia during application.

Personal Protection:

Respirator Type Where ventilation is inadequate, the use of an Air Purifying (AS 1716) Respirator with an Organic Vapour filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended.

Eye Protection Safety glasses or chemical splash goggles.

Glove Type PVC gloves

Clothing Overalls or similar protective clothing.

Flammability:

Fire Hazards Not combustible

5.0 SAFE HANDLING INFORMATION

Storage and Transport:

Storage Precautions Store in a cool dry place away from incompatible materials.

Transport Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by road and rail.

Proper Shipping Name Non allocated

Spills and Disposal:

Spills and Leaks Increase ventilation. Evacuate all unnecessary personnel. Wear appropriate protective clothing to minimise skin and eye exposure. If possible contain the spill. Place inert absorbent such as vermiculite, sand or dirt onto material. Collect the material and place into a suitable labelled container. Mop up the remaining material and place into the same container.

Disposal Dispose of in accordance with all local or state government regulations. Small quantities are suitable for washing down the sewer.

Classified as hazardous according to criteria of NOHSC

Fire/Explosion Hazard:

Fire/Explosion Hazard	Non combustible.
Fire Fighting	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Extinguishing Media	Use media suitable for surrounding area.
Hazardous Reaction	Reaction with acids may generate heat. Product will react violently with sulphuric acid, phosphorous pentoxide, magnesium and fluorine
Hazchem code	Non allocated.

6.0 OTHER INFORMATION

Toxicology	No information available.
Information on Ecological Effects	No information available.
Risk Statement	R36 Irritating to eyes.
Safety Statement	S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.
Hazard Category	Irritant

7.0 CONTACT POINT

Environmental Warehouse, 02 4920 8566, Kevin Smith

Document Reference: PDS #6 - FS140 MSDS (infosafe)