

# SAFETY DATA SHEET

## FORM-AID : CONCRETE RELEASE AGENT

### 1. IDENTIFICATION OF MATERIAL AND SUPPLIER

**Product Name** FORM-AID  
**Product Code** 701  
**Product Use** Concrete release agent.  
**Company Name** Byre Chemicals  
**Address** 3/43 Byre Avenue  
 Somerton Park SA 5044  
**Telephone** 08 8350 9228  
**Fax** 08 8350 9334  
**Emergency phone no.** 0412 426 697  
**Email** [info@byrechemicals.com.au](mailto:info@byrechemicals.com.au)

### 2. HAZARDS IDENTIFICATION

**GHS Classification** H303 May be harmful if swallowed Category 5  
 H320 Causes eye irritation Category 2B  
**Signal Word** WARNING  
**Hazard Statement** None hazardous  
**Precautionary Statement**  
 Avoid prolonged contact with skin and eyes  
 If swallowed DO NOT induce vomiting. Give water or milk.  
 Splashes on skin to be washed off.  
 If splashed into eyes , remove contact lenses if present and wash with clean running water for 15 minutes.  
 Keep containers tightly closed and store in a lock-up facility

### 3. COMPOSITION /INFORMATION ON INGREDIENTS

INGREDIENTS	CAS.NO.	PROPORTION
Fatty acid esters		60 - 100 %
Derivatives of oleochemicals		30 - 60 %

### 4. FIRST-AID MEASURES

**INHALATION** Remove casualty from contaminated area  
**INGESTION** If swallowed Do Not induce vomiting. Give water or a glass of milk. If irritation persists, seek medical attention.  
**SKIN** Remove contaminated clothing and wash skin thoroughly with soap and water. Wash clothing before re-use. If irritation persists, seek medical advice.  
**EYE** If in eyes, hold eyelids apart and flood the eye continuously with water for at least 10 minutes.  
**FIRST AID** Eye wash , hand wash basin  
**ADVICE TO DOCTOR** Treat symptomatically.

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### **5. FIREFIGHTING MEASURES**

<i>Extinguishing Media</i>	<i>Carbon dioxide, or dry chemical powder</i>
<i>Hazards from Combustion</i>	<i>Combustible liquid . Likely to give rise to complex mixtures on combustion, including oxides of carbon. Fire and explosion hazards .</i>
<i>Precaution for Firefighter</i>	<i>Spills are slippery. Prevent run off from entering drains and waterways.</i>
<i>Hazchem</i>	<i>Not applicable</i>

### **6. ACCIDENTAL RELEASE MEASURES**

<i>Emergency Procedures</i>	<i>Keep unauthorised people away from spill.</i>
<i>Clean Up</i>	<i>For small spills hose down area. For large spills absorb onto an inert material such as dirt or sand and dispose of according to Waste laws.</i>

### **7. HANDLING AND STORAGE**

<i>Precautions for Safe Handling</i>	<i>Avoid inhalation of vapours and mists and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists and vapours in the work atmosphere. Do not use near ignition sources.. Maintain high standards of personal hygiene ie washing hands prior to eating, drinking, smoking or using toilet facilities</i>
<i>Conditions for Safe Storage</i>	<i>Non hazardous. Store in a cool dry, well ventilated area out of direct sunlight. Keep containers tightly sealed</i>

### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<i>Exposure Limits</i>	<i>None listed</i>
<i>Engineering Controls</i>	<i>This product is non hazardous</i>
<i>Eye Protection</i>	<i>Safety glasses with side shields should be used.</i>
<i>Hand Protection</i>	<i>Wear gloves of impervious material such as neoprene, or nitrile rubber.</i>
<i>Hygiene Measures</i>	<i>Avoid contact with skin, eyes and clothing Wash hands after handling product. Keep away from foodstuffs.</i>

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

<i>Appearance</i>	<i>Clear mobile green liquid</i>
<i>Odour</i>	<i>Oily</i>
<i>pH</i>	<i>Not applicable</i>
<i>Boiling Point</i>	<i>Above 300C</i>
<i>Vapour Pressure</i>	<i>Less than 0.1 mm Hg @ 25C</i>
<i>Flash Point</i>	<i>290-310C</i>
<i>Specific Gravity</i>	<i>0.90</i>
<i>Solubility in Water</i>	<i>Forms a white emulsion in water.</i>

**FORM-AID : CONCRETE RELEASE AGENT****10. STABILITY AND REACTIVITY**

<i>Chemical Stability</i>	<i>Stable under normal conditions of storage and handling</i>
<i>Conditions to avoid</i>	<i>Excess heat exposure to air</i>
<i>Hazardous decomposition</i>	<i>Thermal decomposition may result in release of irritating fumes including carbon dioxide .</i>
<i>Hazardous polymerization</i>	<i>Will not occur</i>

**11. TOXICOLOGICAL INFORMATION**

<i>Acute Toxicity</i>	<i>Expected to be low LD50 10gm/kg oral ( rat )</i>
<i>Ingestion</i>	<i>May cause nausea, vomiting, abdominal pain and diarrhoea.</i>
<i>Eyes</i>	<i>Irritating to eyes causing redness and dryness. Rinse eyes promptly.</i>
<i>Skin</i>	<i>May cause irritation if splashes on skin are not washed off immediately</i>
<i>Carcinogenic</i>	<i>No evidence of carcinogenic properties</i>
<i>Chronic Effects</i>	<i>Repeated or prolonged skin contact may cause dermatitis.</i>
<i>Toxicological Data</i>	<i>Non available</i>

**12. ECOLOGICAL INFORMATION**

<i>Ecotoxicity</i>	<i>Low LC50 100gm/LT.</i>
<i>Persistence/Degradability</i>	<i>No data available</i>
<i>Bioaccumulative Potential</i>	<i>No data available</i>
<i>Environmental</i>	<i>Do not discharge into drains, sewers, waterways</i>

**13. DISPOSAL CONSIDERATIONS**

<i>Spills &amp; Disposal</i>	<i>Disposal of small spillages only. For large spillages liquids should be contained using sand or earth and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages.</i>
<i>Disposal</i>	<i>Land fill, sewer (small quantities). Refer to Land Waste Management Authority in your State</i>

**14. TRANSPORT INFORMATION**

<i>Proper Shipping Name</i>	<i>None allocated</i>
<i>UN.NO.</i>	<i>None allocated</i>
<i>Packaging Group</i>	<i>None allocated</i>
<i>Hazchem Code</i>	<i>None allocated</i>
<i>DG Class</i>	<i>None allocated</i>

**15. REGULATORY INFORMATION**

<i>Hazard Category</i>	<i>NON HAZARDOUS</i>
<i>Safety Statement</i>	<i>Not classified as a scheduled poison</i>

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**16. OTHER INFORMATION**

**Preparer Signature  
Contact**

**Technical Director  
Telephone: 08 8350 9228  
24 hour emergency number 0412 426 697**

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