



# SAFETY DATA SHEET

Revision Date 23-Jan-2014

Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** F-2337-ES Gulf Concrete Release Plus

**Product Code** F-2337-ES

### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use** Cleaning agent

### Details of the Supplier of the Safety Data Sheet

#### **Supplier Address**

Delta Foremost Chemical Corporation  
3915 Air Park St.  
Memphis, Tennessee 38118

### Emergency Telephone Number

**Company Phone Number** (901) 363-4340

**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification

#### **Non-Hazardous Substance**

### Hazard Statements

This product is not classified as hazardous under GHS criteria or OSHA Hazard Communication Standard (29 CFR 1910.1200).

Normal precautions common to safe manufacturing practice should be followed in handling and storage.

May cause temporary eye irritation. May be harmful if swallowed. Prolonged or repeated skin contact may cause drying, cracking, or irritation. Non-toxic; contains no petroleum hydrocarbons.

**Appearance** Pale Yellow

**Physical State** Liquid

**Odor** Mild

### Precautionary Statements - Response

IF IN EYES: May cause temporary irritation. Rinse thoroughly with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

IF INHALED: If symptomatic, move to fresh air. Get medical attention if symptoms persist.

IF ON SKIN: Wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

IF INGESTED: First aid normally is not required. However, if greater than ½ liter (pint) is ingested, seek medical attention.

### Precautionary Statements - Storage

Store away from incompatible materials. Store at ambient temperature and atmospheric pressure.

### Precautionary Statements - Disposal

Dispose of waste in accordance with all current local, state, and federal regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

No ingredients are hazardous according to OSHA criteria.

Product contains a proprietary mixture of ingredients.

### 4. FIRST AID MEASURES

#### First Aid Measures

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If easy to do, remove contact lenses. If eye irritation persists, get medical advice/attention.
<b>Skin Contact</b>	Wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.
<b>Inhalation</b>	If symptomatic, move to fresh air. Get medical attention if symptoms persist. If affected person is not breathing, apply artificial respiration.
<b>Ingestion</b>	First aid is normally not required. However, if greater than ½ liter (pint) is ingested, seek medical attention.

#### Most Important Symptoms and Effects, both Acute and Delayed

<b>Symptoms</b>	Temporary irritation to eyes; dryness of the skin.
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#### Indication of any Immediate Medical Attention and Special Treatment Needed

<b>Note to Physicians</b>	Treat symptomatically. If a burn is present, treat as any thermal burn.
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### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder, or water fog. Avoid using a direct stream of water.

**Unsuitable Extinguishing Media** None.

#### Specific Hazards Arising from the Chemical

None.

**Hazardous Combustion Products** Carbon oxides.

**Sensitivity to Static Discharge** None.

#### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Water may be used to cool closed containers to prevent pressure buildups and possible ignition or explosion when exposed to extreme heat. Use air-supplied equipment for enclosed areas.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and Emergency Procedures

**Personal Precautions** Wear suitable protective equipment. Isolate area.

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<b>Environmental Precautions</b>	Prevent entry into drains, waterways, sewers, basements or confined areas.
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**Methods and Material for Containment and Cleaning Up**

<b>Methods for Containment</b>	For large spills, dike far ahead of spill for later disposal. Contain the discharged material. Do not allow product to enter sewer or waterways. Check with local and state environmental agencies for guidance.
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<b>Methods for Cleaning Up</b>	Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Large Spillage: Flush area with water. Prevent runoff from entering drains, sewers, or streams. Dike for later disposal. Spills may present a slipping (physical) hazard.
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**7. HANDLING AND STORAGE**

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**Precautions for Safe Handling**

<b>Advice on Safe Handling</b>	No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the SDS for additional personal protection advice when handling this product. Ensure containers are properly labeled.
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**Conditions for Safe Storage, Including any Incompatibilities**

<b>Storage Conditions</b>	Keep containers tightly closed in a dry, cool place. Store away from incompatible materials. Store at ambient temperature and atmospheric pressure.
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<b>Incompatible Materials</b>	Strong oxidizing materials; strong bases.
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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Exposure Guidelines**

Contains no substances with occupational exposure limit values.

**Appropriate Engineering Controls**

<b>Engineering Controls</b>	Always use normal hygiene practices. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust, ventilation, or other engineering controls. Local exhaust ventilation is preferred because it prevents contaminant dispersion into work areas by controlling it at its source.
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**Individual Protection Measures, such as Personal Protective Equipment**

<b>Eye/Face Protection</b>	Wear approved chemical safety goggles and face shield if splashing is possible.
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<b>Skin and Body Protection</b>	Apron and long sleeves are recommended. It is a good industrial hygiene practice to minimize skin contact. Use impervious gloves.
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<b>Respiratory Protection</b>	None required since no occupational exposure limits exist for this product.
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<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothes and protective equipment to remove contaminants. Eye wash fountains and emergency showers are recommended.
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<b>Environmental Exposure Controls</b>	The environmental manager must be informed of all major spillage.
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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Pale yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not applicable	
Melting Point/Freezing Point	Not applicable	
Boiling Point/Boiling Range	>200 °C / 392 °F	
Flash Point	130°C (266°F)	ASTM D-93
Evaporation Rate	<1	(butyl acetate = 1)
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	2 mmHg @ 20°C	
Vapor Density	>1	(Air=1)
Specific Gravity	0.887	(1=Water)
Water Solubility	Insoluble in water	
Solubility in Other Solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
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### Conditions to Avoid

Keep away from extreme heat. Avoid strong oxidizing agents.

### Incompatible Materials

Strong oxidizing materials; strong bases.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### **Product Information**

<b>Eye Contact</b>	May cause temporary eye irritation.
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<b>Skin Contact</b>	Wash skin with soap and water. Product may cause mild skin irritation after prolonged contact.
<b>Inhalation</b>	If symptomatic, move to fresh air. Get medical attention if symptoms persist.
<b>Ingestion</b>	First aid normally is not required. Ingestion of large quantities may result in gastrointestinal disturbances including irritation, nausea, and diarrhea.

**Component Information**

No acute or chronic toxic effects expected when used according to directions.

**Information on Physical, Chemical and Toxicological Effects**

<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.
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**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure**

<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.
<b>STOT - Single Exposure</b>	No effects expected.

**Numerical Measures of Toxicity**

Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

There is no specific data available for this product; however, not considered environmentally harmful from normal, expected usage and typical drainage to sewers, septic systems, and treatment plants.

**Persistence and Degradability**

Not determined

**Bioaccumulation**

Not determined

**Mobility**

Not determined

**Other Adverse Effects**

When spilled, this product may act as an oil, causing a film, sheen, emulsion, or sludge at or beneath the surface of a body of water.

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

<b>Disposal of Wastes</b>	No specific disposal method required. Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Since emptied containers retain product residue, follow label warnings even after container is emptied. Disposal should be in accordance with applicable regional, national and local laws and regulations.

This product does not contain any substances that are listed with the State of California as a hazardous waste.

## 14. TRANSPORT INFORMATION

### **Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

Not classified as a hazardous material.

### **DOT**

Not regulated.

### **IATA**

Not regulated.

### **IMDG**

Not regulated.

## 15. REGULATORY INFORMATION

### **International Inventories**

Not Determined

#### **Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

### **US Federal Regulations**

#### **CERCLA**

This material contains no Reportable Quantity (RQ) Substances.

#### **SARA 311/312 Hazard Categories**

None

#### **SARA 313**

None

#### **SARA Title III**

Section 302 Extremely Hazardous Substances (40 CFR 355, Appendix A): None

### **US State Regulations**

**U.S. State Right-to-Know Regulations****Pennsylvania Right-To-Know Act Reportable Components:** None**California Proposition 65 Reportable Components:** None. This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.**Massachusetts Right-To-Know Act Reportable Components:** None**Michigan Critical Materials Reportable Components:** None**Minnesota Hazardous Substances Reportable Components:** None**New Jersey Right-To-Know Act Reportable Components:** None**Pennsylvania Right-To-Know Act Reportable Components:** None**Rhode Island Right-To-Know Act Reportable Components:** None**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	1	1	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	1	1	0	Not determined

**Revision Date** 23-Jan-2014  
**Revision Note** New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**