



SAFETY DATA SHEET

Revision Date 23-Jan-2014

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name F-2330-ES Gulf Concrete Release

Product Code F-2330-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

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	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.
Skin Contact	Wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.
Inhalation	If symptomatic, move to fresh air. Get medical attention if symptoms persist. If affected person is not breathing, apply artificial respiration.
Ingestion	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

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

Note to Physicians	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.

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

Methods for Containment	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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Methods for Cleaning Up	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

Precautions for Safe Handling

Advice on Safe Handling	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

Storage Conditions	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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Incompatible Materials	Strong oxidizing materials; strong bases.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Contains no substances with occupational exposure limit values.

Appropriate Engineering Controls

Engineering Controls	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

Eye/Face Protection	Wear approved chemical safety goggles and face shield if splashing is possible.
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Skin and Body Protection	Apron and long sleeves are recommended. It is a good industrial hygiene practice to minimize skin contact. Use impervious gloves.
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Respiratory Protection	None required since no occupational exposure limits exist for this product.
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General Hygiene Considerations	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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Environmental Exposure Controls	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

Physical State	Liquid	Odor	Mild
Appearance	Clear	Odor Threshold	Not determined
Color	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	0.918	(1=Water)
Water Solubility	Emulsifier	
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.

Hazardous Polymerization

Hazardous polymerization does not occur.

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

Eye Contact

May cause temporary eye irritation.

Skin Contact	Wash skin with soap and water. Product may cause mild skin irritation after prolonged contact.
Inhalation	If symptomatic, move to fresh air. Get medical attention if symptoms persist.
Ingestion	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

Symptoms	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

Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.
STOT - Single Exposure	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

None.

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

Disposal of Wastes	No specific disposal method required. Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	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**

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