SAFETY DATA SHEET

Revision Date 20-June-2022 **Version** 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Foremost 3342 Crack Attack Catalyst

Product Code 3342 Catalyst

Recommended Use of the Chemical and Restrictions on Use

Recommended Use

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

Acute Toxicity, Oral	Category 4

Signal Word

Danger

Hazard Statements

May cause respiratory irritation
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.

Appearance Clear liquid **Physical State** Liquid **Odor** Mild

Precautionary Statements - Prevention

Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.

Precautionary Statements – Response

If ON SKIN: Immediately remove contaminated clothing. Wash with plenty of soap and water. Wash contaminated clothing before reuse.
IF EXPOSED OR CONCERNED: Get medical advice/ attention.
Specific treatment (see supplemental first aid instructions on this label).
IF SKIN IRRITATION OCCURS: Get medical advice/ attention.
Take off contaminated clothing and wash before reuse.
IF SWALLOWED: Call a poison center / doctor if you feel unwell. Rinse mouth.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor/physician if you feel unwell.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs: get medical advice/ attention.

Precautionary Statements - Storage

Store locked up in a well-ventilated place.

Precautionary Statements - Disposal

Dispose of contents and container in accordance with all local, regional, national, and international regulations.

Hazards Not Otherwise Classified (HNOC)

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
ACETIC ACID, 2,2'-[(DIOCTYLSTANNYLENE)BIS(THIO)]BIS-, 1,1'-DIISOOCTYL ESTER	26401-97-8	Proprietary

Product contains a proprietary mixture of ingredients.

4. FIRST AID MEASURES

First Aid Measures

General Advice — If exposed or concerned: Get medical advice/attention. Provide this SDS to medical personnel for treatment.

Eye Contact — Avoid direct contact. Wear chemical protective gloves, if necessary. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention. Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. If vomiting occurs naturally, lie on your side, in the recovery position. IF exposed or concerned: Get medical advice/attention.

Skin Contact — Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Gently blot or brush away excess product. Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before re-use or discard. IF exposed or concerned: Get medical advice/attention.

Inhalation — Remove source of exposure or move person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor. If exposed/feel unwell/concerned: Call a POISON CENTER/doctor. Eliminate all ignition sources if safe to do so.

Ingestion	Rinse mouth. Do NOT induce vomiting. If you feel unwell/if concerned: Get medical advice/attention.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	Treat symptoms accordingly.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, foam, carbon dioxide is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only.

Unsuitable Extinguishing Media	If water is used, use very large quantities of cold water. The reaction between water and hot isocyanate may be vigorous.

Specific Hazards Arising from the Chemical

Excessive pressure or temperature may cause explosive rupture of containers.

Water contamination will produce carbon dioxide. Do not reseal contaminated containers as pressure buildup may rupture them.

Protective Equipment and Precautions for Firefighters

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill if it can be done safely. Move undamaged containers from immediate hazard area if it can be done easily. Water spray may be useful in minimizing or dispersing vapors to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.
Wear NIOSH approved self-contained breathing apparatus in positive pressure mode with full-face piece. Boots, gloves (neoprene), googles, and full protective clothing are also required. Care should always be exercised in dusty or misty areas.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions	Avoid breathing vapors. Avoid contact with skin, eyes, or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.
Emergency Procedure	ELIMINATE all ignition sources. (No smoking, flares, sparks or flames in immediate area.) Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur. If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.
Environmental Precautions	Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Material for Containment and Cleaning Up

Methods for Containment and Cleaning Up	Construct a dike to prevent spreading. Wear skin, eye, and respiratory protection during cleanup. Soak up material with absorbent and shovel into a chemical waste container. Cover container, but do not seal, and remove from work area. Residues from spill cleanup may continue to be regulated under provisions of RCRA and require storage and disposal as hazardous waste.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and any incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty container retain residue and may be dangerous. Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored. The material is Class III B Combustible; the combustion products may be hazardous..

Incompatible Materials Material can react with strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate Engineering Controls

Engineering Controls Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Exhaust air may need to be cleaned by scrubbers of filters to reduce environmental contamination.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

Skin and Body Protection Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over- boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

Respiratory Protection If airborne concentrations exceed or are expected to exceed the TLV, use MSHA/NIOSH approved positive pressure supplied pressure supplied air respiratory with a full face piece or an air supplied hood. For emergencies, use a positive pressure self-contained breathing apparatus.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Wash hands after use and wash contaminated clothes before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid		
Appearance	Clear liquid	**Odor**	Faint
		Odor Threshold	Not determined

Property	**Values**	**Remarks • Method**
pH	N/A	
Melting Point/Freezing Point	N/A	
Boiling Point/Boiling Range	N/A	
Flash Point	190°C (374°F)	
Evaporation Rate	Slower than ether	
Flammability (Solid, Gas)	N/A	
Upper Flammability Limits	N/A	
Lower Flammability Limit	N/A	
Vapor Pressure	Not established	
Vapor Density	Heavier than air	
Specific Gravity	1.076	(1=Water)
Water Solubility	Reacts with water	
Solubility in Other Solvents	N/A	
Partition Coefficient	N/A	
Autoignition Temperature	N/A	
Decomposition Temperature	N/A	
Kinematic Viscosity	N/A	
Dynamic Viscosity	N/A	
Explosive Properties	N/A	
Oxidizing Properties	N/A	
VOC	0.00 lb/gal	

10. STABILITY AND REACTIVITY

Reactivity
Stable

Chemical Stability
Material is stable at standard temperature and pressure.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization Will not occur under normal conditions but under high temperatures in the presence of alkalis,tertiary amines, and metal compounds will accelerate polymerization. Possible evolution of carbon dioxide gas may rupture closed containers.

Conditions to Avoid
Heat, high temperature, open flame, sparks, and moisture.

Incompatible Materials
Strong acids and other strong oxidizing agents.

Hazardous Decomposition Products
Combustion products: carbon monoxide, carbon dioxide, tin oxides, and other unidentified fragments.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact	Prolonged contact can cause conjunctivitis or corneal damage.
Skin Contact	Skin irritation or pain. Prolonged contact may result in chemical burns, scarring or other permanent damage. Systemically toxic concentrations of this product will probably not be absorbed through human skin.
Inhalation	No data available
Ingestion	May be harmful if swallowed.
Respiratory/Skin Sensitization	No data available

Component Information

Information on Physical, Chemical and Toxicological Effects

Symptoms	Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Germ Cell Mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive Toxicity	No data available.
Acute Toxicity	Vapors can irritate eyes, nose, and respiratory passages. Severe overexposure may induce respiratory sensitization with asthma like symptoms. Symptoms include chronic cough, tightness of chest with difficulty in breathing. These symptoms may be immediate or delayed up to several hours after exposure. Chronic exposures may result in permanent decreases in lung function. Under normal conditions, risk of exposure to vapors is minimal; however spraying or sudden release of hot liquid would cause exposure to vapors. Irritation or chemical burns of the mouth, pharynx, esophagus and stomach can develop following ingestion, and injury may be severe. Gastrointestinal discomfort with any or all of the following symptoms: nausea, vomiting, lethargy, or diarrhea may result.
Aspiration Hazard	No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity
No data available.

Component Information
No data available.

Persistence and Degradability
No data available.

Bioaccumulation
No data available.

Mobility in Soil
No data available.

Other Adverse Effects
No data available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

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

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/NDSL *- 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*

CAS	Chemical Name	Regulation List
26401-97-8	ACETIC ACID, 2,2'[(DIOCTYLSTANNYLENE) BIS(THIO)]BIS-, 1,1'DIISOOCTYL ESTER	DSL, SARA312, TSCA

16. OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	1	1	0	Not determined
HMIS	**Health Hazards**	**Flammability**	**Physical Hazards**	**Personal Protection**
	1	1	0	B

Revision Date	20-June-2022
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