



SAFETY DATA SHEET

Revision Date 28-April-2015

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Foremost 1199-ES Nut Case

UN/ID No NA1993
Product Code 1199-ES

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Industrial cleaner.

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

Flammable Liquids	Category 4
Aspiration toxicity	Category 2
Skin Corrosion/Irritation	Category 3
Carcinogenicity	Category 2

Signal Word

WARNING

Hazard Statements

Combustible Liquid
May be harmful if swallowed and enters airways
Causes mild skin irritation
Suspected of causing cancer



Appearance Amber liquid

Physical State Liquid

Odor Solvent

Precautionary Statements - Prevention

Use personal protective equipment as required
 Avoid breathing dust/fume/gas/mist/vapors/spray
 Use only outdoors or in a well-ventilated area
 Wash face, hands and any exposed skin thoroughly after handling
 Wear eye/face protection

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 Get medical attention if irritation occurs
 IF ON SKIN: Wash with plenty of soap and water
 If skin irritation persists: Get medical advice/attention
 Take off contaminated clothing and wash it before reuse
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up
 Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

Other Hazards

Toxic to aquatic life with long lasting effects
 Toxic to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Aromatic Hydrocarbon Solvent	64742-94-5	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	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs.
Skin Contact	Flush with water while removing contaminated clothing and shoes before reuse. If irritation persists, get medical attention.
Inhalation	Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. If symptoms persist, call a physician.

Ingestion	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Seek medical attention immediately.
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Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	May cause skin and eye irritation. Ingestion may result in irritation of mouth and gastrointestinal tract. Overexposure by inhalation can cause irritation of the respiratory tract and adverse effects on the central nervous system.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	Aspiration into the lungs may occur during ingestion or vomiting, causing lung damage.
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5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Foam, carbon dioxide or dry chemical extinguisher, or water. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Vapor concentrated in a confined or poorly ventilated area can be ignited upon contact with a high energy spark, flame, or high intensity heat source.

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.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures**

Personal Precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes and inhalation of vapors.
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Methods and Material for Containment and Cleaning Up

Methods for Containment	Prevent further leakage or spillage if safe to do so. Absorb liquid with sawdust, sand or industrial absorbent.
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Methods for Cleaning Up	Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see section 13 of the SDS.
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7. HANDLING AND STORAGE**Precautions for Safe Handling**

Advice on Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Wear eye/face protection. Avoid contact with skin, eyes or clothing. Avoid breathing vapors. Avoid breathing mists. Use only in well-ventilated areas.
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Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions	Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep in properly labeled containers. Store locked up.
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Incompatible Materials Caustic soda, caustic potash, liquid oxygen or other oxidizing materials, alkali metals.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Aromatic Hydrocarbon Solvent 64742-94-5	TWA: 10 ppm STEL: 15 ppm	TWA: 10 ppm	-

Appropriate Engineering Controls

Engineering Controls Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS.

Individual Protection Measures, such as Personal Protective Equipment

- Eye/Face Protection** Goggles or face shield.
- Skin and Body Protection** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear protective Neoprene™ gloves, Rubber gloves.
- Respiratory Protection** Use self-contained breathing apparatus if there is a heavy vapor about 300 ppm.
- 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	Odor	Solvent
Appearance	Light amber liquid	Odor Threshold	Not determined
Color	Amber		
Property	Values	Remarks • Method	
pH	Not determined		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	86.66 °C / 188 °F		
Flash Point	Not determined		
Evaporation Rate	Not established		
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Not applicable		
Lower Flammability Limit	Not determined		
Vapor Pressure	Not established		
Vapor Density	Not established		
Specific Gravity	0.845	(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.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Avoid heat, sparks, open flames and other ignition sources.

Incompatible Materials

Caustic soda, caustic potash, liquid oxygen or other oxidizing materials, alkali metals.

Hazardous Decomposition Products

Hydrogen chloride, and traces of chlorine or phosgene gases.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact Causes eye irritation.

Skin Contact Causes skin irritation.

Inhalation Harmful if inhaled.

Ingestion May be harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Aromatic Hydrocarbon Solvent 64742-94-5	= 7050 mg/kg (Rat)	>2000 mg/kg (Rabbit)	= 5100 mg/L (Rat) 4 h

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 Suspected of causing genetic defects.

Carcinogenicity May cause cancer; The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested. Large doses caused malignant tumors in mice.

Chemical Name	ACGIH	IARC	NTP	OSHA
Aromatic Hydrocarbon Solvent 64742-94-5		Group 2B		

ACGIH (American Conference of Governmental Industrial Hygienists)
 A2 - Suspected Human Carcinogen
 A3 - Animal Carcinogen
IARC (International Agency for Research on Cancer)
 Group 1 - Carcinogenic to Humans
 Group 2A - Probably Carcinogenic to Humans

- STOT - Single Exposure** May cause respiratory irritation. May cause drowsiness or dizziness.
- Chronic Toxicity** Prolonged exposure above the OSHA permissible limits may result in liver and/or kidney damage.
- Aspiration Hazard** May be harmful if swallowed and enters airways.

Numerical Measures of Toxicity
 Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity
 Toxic to aquatic organisms. Toxic to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Aromatic Hydrocarbon Solvent 64742-94-5	<1: 96 h Skeletonema costatum mg/L EC50	41: 96 h Pimephales promelas mg/L LC50		0.95: 48 h Daphnia magna mg/L E50

Persistence and Degradability
 Not determined

Bioaccumulation
 Not determined

Other Adverse Effects
 Not determined

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
UN/ID No NA1993
Proper Shipping Name Combustible Liquid (Contains Petroleum Distillates)
Hazard Class N/A
Packing Group III

IATA

UN/ID No NA1993
 Proper Shipping Name Combustible Liquid (Contains Petroleum Distillates)
 Hazard Class N/A
 Packing Group III

IMDG

UN/ID No NA1993
 Proper Shipping Name Combustible Liquid (Contains Petroleum Distillates)
 Hazard Class N/A
 Packing Group III

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

US Federal Regulations**SARA 313****US State Regulations****U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Aliphatic Hydrocarbon Solvent 64742-88-7	X		

16. OTHER INFORMATION

NFPA	Health Hazards	Flammability	Instability	Special Hazards
	2	1	0	Not determined
HMIS	Health Hazards	Flammability	Physical Hazards	Personal Protection
	2	1	0	Not determined

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 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