



SAFETY DATA SHEET

Revision Date 2-June-2020

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Foremost 4023-ES Handy-San

Product Code 4023-ES

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Hand 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

Normal precautions common to safe manufacturing practice should be followed in handling and storage.
May cause eye irritation. Non-toxic; contains no petroleum hydrocarbons.

Appearance Clear water white

Physical State Liquid

Odor Mild

Precautionary Statements - Response

IF IN EYES: May cause 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

Precautionary Statements - Storage

Not applicable.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant. Dispose of in accordance with all current local, state, and federal regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Benzalkonium Chloride	8001-54-5	proprietary

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 cautiously with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
Skin Contact	Rinse with water.
Inhalation	Not applicable. No emergency care anticipated.
Ingestion	May be harmful if swallowed. Get medical attention immediately.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	Irritation to eyes.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water mist, water spray, alcohol resistant foam, carbon dioxide, or dry chemical.

Unsuitable Extinguishing Media None.

Specific Hazards Arising from the Chemical

Containers may build pressure and rupture.

Hazardous Combustion Products: Carbon Dioxide, Carbon Monoxide.

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.
Environmental Precautions	Prevent entry into waterways, sewers, basements or confined areas.

Methods and Material for Containment and Cleaning Up

Methods for Containment For small spills, absorb on polypads or other suitable non-reactive absorbent materials. For large spills, dike far ahead of spill for later disposal. Absorb with materials such as: non-combustible material, cat litter / sand.

Methods for Cleaning Up **Small Spills:** Flush to waste with large quantities of water.
Large Spills: Eliminate ignition sources. Absorb spill with inert material (e.g., dry sand or earth). Retain for proper removal and treatment. Spill may cause a slip hazard. Use clean non-sparking tools to collect absorbed material. 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.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Do not store or use near heat, sparks, or open flames. Store in a cool dry place. Do not get in eyes or on clothing. Keep out of reach of children.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool place. Keep away from extreme heat. Store below 110°F.

Incompatible Materials None.

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.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Safety glasses are recommended.

Skin and Body Protection None required.

Respiratory Protection None required.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	Pleasant
Appearance	Clear liquid	Odor Threshold	Not determined
Color	Water white		

Property	Values	Remarks • Method
pH	6.0 – 7.5	

Melting Point/Freezing Point	Not applicable	
Boiling Point/Boiling Range	99.0 °C / 210.0 °F	
Flash Point	Not applicable	
Evaporation Rate	Not applicable	(butyl acetate = 1)
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Same as water	@ 39.5°C, 104°F
Vapor Density	Same as water	(Air=1)
Specific Gravity	1.00	(1=Water)
Water Solubility	Soluble 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

Keep away from extreme heat.

Incompatible Materials

Acids and strong oxidizers.

Hazardous Decomposition Products

CO, CO₂.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact

May cause eye irritation.

Skin Contact

Prolonged contact may cause slight to moderate irritation.

Inhalation

Overexposure may cause irritation of the respiratory tract.

Ingestion

Ingestion may cause headache, dizziness, incoordination, nausea, vomiting, diarrhea, and general weakness.

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.

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

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.

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/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****CERCLA**

This material contains no Reportable Quantity (RQ) Substances.

SARA 311/312 Hazard Categories

Acute

US State Regulations**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.**Consumer Products VOC Regulations:** In states with Consumer Products VOC regulations, this product is compliant as a Heavy Duty Hand Clean**16. OTHER INFORMATION****NFPA****Health Hazards**

0

Flammability

0

Instability

0

Special Hazards

Not determined

HMIS**Health Hazards**

0

Flammability

0

Physical Hazards

0

Personal Protection

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Revision Date

2-June-2020

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