



SAFETY DATA SHEET

Revision Date 20-Feb-2020

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Foremost 4044-ES Take-A-Way Wipes

Product Code 4044

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

| | |
|-----------------|-------------|
| Skin Irritation | Category 3 |
| Eye Irritation | Category 2B |

Signal Word

WARNING

Hazard Statements

May cause mild skin and eye irritation.

Appearance White wipe

Physical State Wipe

Odor Sweet

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear necessary protective clothing, gloves, or eye protection.

Precautionary Statements - Response

IF IN EYES: Rinse thoroughly with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
Call a doctor/physician if irritation persists.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
Wash contaminated clothing before reuse.
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Low toxicity if swallowed. Get medical attention if symptoms appear.

Precautionary Statements - Storage

Store in a cool, dry place.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|---------------------------------|----------|-------------|
| Ethylene Glycol Monobutyl Ether | 111-76-2 | Proprietary |

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. Get medical attention if irritation persists. |
| Skin Contact | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If irritation persists, seek medical attention. |
| Inhalation | Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist. |
| Ingestion | Do NOT induce vomiting. Rinse out mouth. Get medical attention if symptoms appear. |

Most Important Symptoms and Effects, both Acute and Delayed

| | |
|-----------------|--|
| Symptoms | May cause skin irritation, may cause eye irritation, Ingestion may cause irritation to mouth, throat or stomach. May cause irritation to the mucous membranes and upper respiratory tract. |
|-----------------|--|

Indication of any Immediate Medical Attention and Special Treatment Needed

| | |
|---------------------------|------------------------|
| Note to Physicians | Treat symptomatically. |
|---------------------------|------------------------|

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Foam, carbon dioxide or dry chemical extinguisher, or water.

Unsuitable Extinguishing Media Not determined.**Specific Hazards Arising from the Chemical**

Product is not flammable or combustible.

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. |
|-----------------------------|---|

Methods and Material for Containment and Cleaning Up

| | |
|--------------------------------|---|
| Methods for Containment | Prevent further leakage or spillage if safe to do so. Soak up and contain spill with an absorbent material. |
| Methods for Cleaning Up | Sweep up absorbed material and shovel into suitable containers for disposal. For waste disposal, see section 13 of the SDS. |

7. HANDLING AND STORAGE**Precautions for Safe Handling**

| | |
|--------------------------------|---|
| Advice on Safe Handling | Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8. Do not breathe vapors or spray mist. |
|--------------------------------|---|

Conditions for Safe Storage, Including any Incompatibilities

| | |
|-------------------------------|--|
| Storage Conditions | Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. |
| Incompatible Materials | None |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|-------------|--|--|
| Ethylene Glycol Monobutyl Ether 111-76-2 | TWA: 20 ppm | TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S* | IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³ |

Appropriate Engineering Controls

| | |
|-----------------------------|---|
| Engineering Controls | Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS. Eyewash stations, Showers. |
|-----------------------------|---|

Individual Protection Measures, such as Personal Protective Equipment

| | |
|---------------------------------------|---|
| Eye/Face Protection | Splash goggles or safety glasses. |
| Skin and Body Protection | Wear protective Neoprene™ gloves, Rubber gloves. |
| Respiratory Protection | Ensure adequate ventilation, especially in confined areas. |
| General Hygiene Considerations | Handle in accordance with good industrial hygiene and safety practice. Wash contaminated clothing before reuse. |

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on Basic Physical and Chemical Properties**

| | | | |
|----------------|-------|----------------|----------------|
| Physical State | Wipe | Odor | Sweet |
| Appearance | Wipe | Odor Threshold | Not determined |
| Color | White | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|-----------------|---------------|-------------------------|
|-----------------|---------------|-------------------------|

| | | |
|------------------------------|------------------|-----------|
| pH | 5.0 – 6.5 | |
| Melting Point/Freezing Point | Not available | |
| Boiling Point/Boiling Range | Not available | |
| Flash Point | None | |
| Evaporation Rate | Same as water | |
| Flammability (Solid, Gas) | Not determined | |
| Upper Flammability Limits | Not determined | |
| Lower Flammability Limit | Not determined | |
| Vapor Pressure | Not established | |
| Vapor Density | Not established | |
| Specific Gravity | Not available | (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 out of reach of children.

Incompatible Materials

None.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact

May cause eye irritation.

Skin Contact

May cause skin irritation.

Inhalation

May cause irritation to the mucous membranes and upper respiratory tract.

Ingestion

May be harmful if swallowed.

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---------------------|--|--|
| Ethylene Glycol Monobutyl Ether 111-76-2 | = 470 mg/kg (Rat) | = 2270 mg/kg (Rat) = 220 mg/kg (Rabbit) | = 2.21 mg/L (Rat) 4 h = 450 ppm (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**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---|-------|---------|-----|------|
| Ethylene Glycol Monobutyl Ether 111-76-2 | A3 | Group 3 | | |

*ACGIH (American Conference of Governmental Industrial Hygienists)**A3 - Animal Carcinogen**IARC (International Agency for Research on Cancer)**Group 3 IARC components are "not classifiable as human carcinogens"***Numerical Measures of Toxicity**

Not determined

12. ECOLOGICAL INFORMATION**Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---|----------------------|---|----------------------------|--|
| Ethylene Glycol Monobutyl Ether 111-76-2 | | 1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50 | | 1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50 |

Persistence and Degradability

Not determined

Bioaccumulation

Not determined

Mobility

| Chemical Name | Partition Coefficient |
|---|-----------------------|
| Ethylene Glycol Monobutyl Ether 111-76-2 | 0.81 |

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 contains no 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****SARA 313**

| Chemical Name | CAS No | Weight-% | SARA 313 - Threshold Values % |
|---|----------|-------------|-------------------------------|
| Ethylene Glycol Monobutyl Ether 111-76-2 | 111-76-2 | Proprietary | 1.0 |

CWA (Clean Water Act)

None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

US State Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---|------------|---------------|--------------|
| Ethylene Glycol Monobutyl Ether 111-76-2 | X | X | X |

16. OTHER INFORMATION

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

Revision Date 20-Feb-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