



SAFETY DATA SHEET

Revision Date 28-March-2016

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name F-2344-ES Parts Kleen

Product Code F-2344-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

Skin Corrosion/Irritation	Category 3
Aspiration Hazard	Category 1
Flammable liquids	Category 4

Signal Word

DANGER

Hazard Statements

Causes mild skin irritation
May be fatal if swallowed and enters airways
Combustible liquid



Appearance Clear colorless liquid

Physical State Liquid

Odor Mild Solvent

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof equipment
Use only non-sparking tools
Take precautionary measures against static discharge

Precautionary Statements - Response

If skin irritation occurs: Get medical advice/attention
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do NOT induce vomiting
In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up
Store in a well-ventilated place.

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

Very toxic to aquatic life with long lasting effects
Very toxic to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Naphtha Solvent	64742-48-9	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

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

Skin Contact

Wash affected areas with copious amount of soap and water. If there is dryness and skin irritation, use a skin cream or Vaseline on skin. If irritation persists, see physician.

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 unless directed by medical personnel. If vomiting occurs, lean patient forward to maintain an open airway & prevent aspiration. Get immediate medical attention.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	May cause skin and eye irritation.
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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 or even death due to chemical pneumonia.
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5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

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

Unsuitable Extinguishing Media Water.

Specific Hazards Arising from the Chemical

Closed containers may explode due to buildup of pressure when exposed to extreme heat.

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.

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. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
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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 spill with inert material (e.g. dry sand or earth).
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Methods for Cleaning Up	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.
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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. Wash face, hands, and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Use spark-proof tools and explosion-proof equipment. Take precautionary measures against static discharges. Keep container closed when not in use.
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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. Store locked up.
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Incompatible Materials	Strong oxidizing agents.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Contains no components with exposure limits.

Appropriate Engineering Controls

Engineering Controls Good general mechanical ventilation. Local exhaust recommended.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Goggles or face shield.

Skin and Body Protection Wear rubber or neoprene gloves, Rubber apron.

Respiratory Protection For normal use, none necessary.

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	Mild Solvent
Appearance	Clear liquid	Odor Threshold	Not determined
Color	Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not applicable	
Boiling Point/Boiling Range	179 °C / 354 °F	
Flash Point	61-66 °C / 142-151 °F	Tag Closed Cup
Evaporation Rate	0.04 (nBuAc = 1)	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not established	
Lower Flammability Limit	Not established	
Vapor Pressure	30-93 Pa @ 0 °C / 32 °F	
Vapor Density	Not established	
Specific Gravity	0.78	(1=Water)
Water Solubility	Insoluble in water	
Solubility in Other Solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition Temperature	235-315 °C / 455-600 °F	
Decomposition Temperature	Stable under normal conditions of use.	
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

Heat, flames and sparks.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION**Information on Likely Routes of Exposure****Product Information****Eye Contact**

Not irritating to eyes.

Skin Contact

Causes mild skin irritation.

Inhalation

May cause irritation of respiratory tract.

Ingestion

May be fatal if swallowed and enters airways.

Product Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
F-2344-ES Parts Kleen	>5,000 mg/kg (Rat)	> 5,000 mg/kg (Rabbit)	

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.

Aspiration Hazard

Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis, which can be fatal.

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Incomplete ecotoxicological data are available for this product.

Persistence and Degradability

Readily biodegradable. Oxidizes rapidly by photo-chemical reactions in air.

Bioaccumulation

Has the potential to bioaccumulate.

Mobility

Absorbs to soil and has mobility.

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

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****SARA 313**

Not determined

US State Regulations**U.S. State Right-to-Know Regulations**

Not Determined

16. OTHER INFORMATION**NFPA****Health Hazards**

2

Flammability

1

Instability

0

Special Hazards

Not determined

HMIS**Health Hazards**

2

Flammability

1

Physical Hazards

0

Personal Protection

Not determined

Revision Date

28-March-2016

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