



SAFETY DATA SHEET

Supreme Leather & Shoe Stretch

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Printed: 04/28/2016
Revision: 04/27/2016
Supersedes Revision: 10/10/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: ESQ-SLSS
Product Name: Supreme Leather & Shoe Stretch
Company Name: Griffin Shoe Care Company
6101 Factory Rd
Suite B
Crystal Lake, IL 60014
Phone Number: +1 (779)220-4181
Web site address: <http://griffinshoecare.com/>
Emergency Contact: CHEMTREC +1 (800)424-9300

2. HAZARDS IDENTIFICATION

Flammable Liquids, Category 2

Serious Eye Damage/Eye Irritation, Category 2

Specific Target Organ Toxicity (single exposure), Category 3



GHS Signal Word: Danger

GHS Hazard Phrases: H225 - Highly flammable liquid and vapor.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.
H412 - Harmful to aquatic life with long lasting effects.

GHS Precaution Phrases: P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 - Keep container tightly closed.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.

GHS Response Phrases: P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+313 - If eye irritation persists, get medical advice/attention.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

GHS Storage and Disposal Phrases: P403+235 - Store in cool/well-ventilated place. P405 - Store locked up. P501 - Dispose of contents and containers in accordance with local, regional, national, and international regulations.



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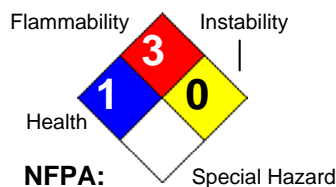
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Hazard Rating System:



Potential Health Effects (Acute and Chronic):

Inhalation: May cause respiratory tract irritation. May cause cough, discomfort and difficulty breathing.

Skin Contact: May cause skin irritation. May cause drying and defatting of the skin.

Eye Contact: May cause eye irritation. May cause redness, tearing and blurred vision.

Ingestion: May cause severe irritation of the mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
67-63-0	Isopropyl alcohol	25.0 - 30.0 %
112-02-7	Cetyltrimethylammonium chloride, solution in water	0.900 - 1.25 %

4. FIRST AID MEASURES

Emergency and First Aid

Procedures:

In Case of Inhalation: Remove victim to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician.

In Case of Skin Contact: Wash skin with soap and water.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Call a physician.

In Case of Ingestion: Give large quantities of saltwater. Induce vomiting. Call a physician immediately.

Note to Physician: Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.

5. FIRE FIGHTING MEASURES

Flash Pt: 84.0 F (28.9 C) Method Used: TAG Closed Cup

Explosive Limits: LEL: 2.0 UEL: 12.0

Autoignition Pt: NA

Suitable Extinguishing Media: Dry chemical, CO2, Alcohol-resistant foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved (or equivalent), and full protective gear. Stay upwind, if possible. Use water spray to cool fire exposed surfaces. Cool exposed tanks with water.

Flammable Properties and Hazards: High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide, and oxides of: nitrogen.



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6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures:	Use proper personal protective equipment as indicated in Section 8.
Environmental Precautions:	Keep out of sewers and drains.
Steps To Be Taken In Case Material Is Released Or Spilled:	Ventilate the area. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Contain spilled material if possible. Wipe up or absorb on suitable material. Place in suitable container for disposal.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:	Avoid breathing harmful vapors. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.
Precautions To Be Taken in Storing:	Store in a cool, dry area away from incompatible substances. Keep away from heat, sparks and flame. Do not store in aluminum containers. Always check containers for leaks. Protect containers against damage.
Other Precautions:	Handle in accordance with good industrial hygiene and safety practices. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
67-63-0	Isopropyl alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	No data.
112-02-7	Cetyltrimethylammonium chloride, solution in water	No data.	No data.	No data.
Respiratory Equipment (Specify Type):	No special respiratory protection is needed under normal conditions of use. If exposure limits are exceeded, use a NIOSH/MSHA approved respirator.			
Eye Protection:	Safety glasses.			
Protective Gloves:	Wear appropriate gloves to prevent skin exposure.			
Other Protective Clothing:	Wear appropriate protective clothing to prevent skin exposure.			
Engineering Controls (Ventilation etc.):	Good general ventilation should be sufficient to control airborne levels. Facilities storing or utilizing this material should be equipped with an eyewash facility, and a safety shower is recommended.			
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice. Wash hands after use. Do not smoke when using. Launder clothing before reuse.			
Environmental Exposure Controls:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.			



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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Appearance: Clear. Liquid.
Odor: alcohol-like.

Melting Point: -87.8 C (-126 F)

Boiling Point: 82.3 F (27.9 C)

Decomposition Temperature: NA

Autoignition Pt: NA

Flash Pt: 84.0 F (28.9 C) Method Used: TAG Closed Cup

Explosive Limits: LEL: 2.0 UEL: 12.0

Specific Gravity (Water = 1): 0.95 at 20.0 C (68.0 F)

Density: NA

Bulk density: NA

Vapor Pressure (vs. Air or mm Hg): 31.2 at 20.0 C (68.0 F)

Vapor Density (vs. Air = 1): NA

Evaporation Rate: 1.7 (BuAC=1) at 20.0 C (68.0 F)

Solubility in Water: Complete at 20.0 C (68.0 F)

Saturated Vapor Concentration: NA

Viscosity: 2.4 CPS at 20.0 C (68.0 F)

pH: Neutral

Percent Volatile: 99.0 % by weight.

VOC / Volume: 25.5

Particle Size: NA

Heat Value: NA

Corrosion Rate: NA

10. STABILITY AND REACTIVITY

Reactivity: None known.

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: High temperatures, Ignition sources, Incompatible materials, Do not store in aluminum containers.

Incompatibility - Materials To Avoid: Acid anhydrides, Inorganic and organic acids, Halogens, phosphorus trichloride, Aldehydes, Monomers, Polymerizable esters, alkylene oxides.

Hazardous Decomposition or Byproducts: High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide, and oxides of: nitrogen.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: No data available.



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11. TOXICOLOGICAL INFORMATION

Toxicological Information:	Epidemiology: No information available. Teratogenicity: No information available. Reproductive Effects: No information available. Mutagenicity: No information available. Neurotoxicity: No information available.
Irritation or Corrosion:	Other Studies: CAS# 67-63-0: Acute toxicity, LD50, Oral, Rat, 5045 mg/kg.
Symptoms related to Toxicological Characteristics:	Other Studies: CAS# 67-63-0: Standard Draize Test, Skin, Species: Rabbit, 500 mg Standard Draize Test, Eyes, Species: Rabbit, 100 mg, 24H. May cause eye irritation. May cause redness, tearing and blurred vision. May cause skin irritation. May cause drying and defatting of the skin. May cause respiratory tract irritation. May cause cough, discomfort and difficulty breathing. May cause severe irritation of the mouth, throat and stomach.
Chronic Toxicological Effects:	Effects may be delayed.
Carcinogenicity:	NTP? No IARC Monographs? No OSHA Regulated? No

12. ECOLOGICAL INFORMATION

General Ecological Information:	Environmental: No information available. Physical: No information available.
Results of PBT and vPvB assessment:	Other Studies: CAS# 67-63-0: LC50, Water Flea (Daphnia magna), 10000 mg/L, 24H LC50, Fathead Minnow (Pimephales promelas), 6550000 ug/L, 96H.
Persistence and Degradability:	Other Studies: CAS# 112-02-7 LC50, Bluegill (Lepomis macrochirus), 100 ug/L, 96H.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Observe all federal, state, and local environmental regulations.
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14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Flammable liquids, n.o.s. (Isopropanol)

DOT Hazard Class: 3 FLAMMABLE LIQUID

UN/NA Number: UN1993

Packing Group: III



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Flammable liquids, n.o.s. (Isopropanol)

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Flammable liquids, n.o.s. (Isopropanol)

Additional Transport Information: DOT: Product 1 gallon or less may be reclassified according to 49CFR 173.150 to consumer commodity ORM-D.

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
67-63-0	Isopropyl alcohol	No	No	Yes
112-02-7	Cetyltrimethylammonium chloride, solution in water	No	No	No

CAS #	Hazardous Components (Chemical Name)
67-63-0	Isopropyl alcohol

Other US EPA or State Lists

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1076; NY Part 597: No; PA HSL: Yes - E; SC TAP: No; WI Air: No

112-02-7	Cetyltrimethylammonium chloride, solution in water
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CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No

CAS #	Hazardous Components (Chemical Name)
67-63-0	Isopropyl alcohol

International Regulatory Lists

Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes - 1219

112-02-7	Cetyltrimethylammonium chloride, solution in water
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Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes

Regulatory Information Statement:

This information contained herein is based on data considered to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to the vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in this data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third party persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes all risk in use of the material.



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16. OTHER INFORMATION

Revision Date: 04/27/2016

Preparer Name: Crystal Maira

Additional Information: 04/27/2016 - Updated SDS to new format.

Company Policy or This information is furnished without warranty, expressed or implied, except that it is accurate to the best

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