



SAFETY DATA SHEET

Griffin Heel & Sole Renew

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Printed: 12/30/2019
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1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 00848
Product Name: Griffin Heel & Sole Renew
Company Name: Griffin Brands
6101 Factory Rd
Suite B
Crystal Lake, IL 60014
Phone Number: +1 (779)220-4181
Web site address: <http://griffinbrandsinc.com/>
Emergency Contact: CHEMTREC +1 (800)424-9300

2. HAZARDS IDENTIFICATION

Flammable Liquids, Category 4
Serious Eye Damage/Eye Irritation, Category 2B

GHS Signal Word: **Warning**
GHS Hazard Phrases: H227 - Combustible liquid.
H320 - Causes eye irritation.
GHS Precautionary Phrases: P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves.
GHS Response Phrases: 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.
P302 - IF ON SKIN: P332+313 - If skin irritation occurs, get medical advice/attention.
GHS Storage and Disposal Phrases: P403+235 - Store in cool/well-ventilated place. P501 - Dispose of contents and containers in accordance with local, regional, national, and international regulations.
Other Hazards: Causes mild skin irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
7732-18-5	Water	75.0 - 85.0 %
67-63-0	Isopropyl alcohol	5.00 - 10.0 %
111-76-2	Ethylene glycol monobutyl ether	1.00 - 5.00 %



4. FIRST AID MEASURES

Emergency and First Aid Procedures:

- In Case of Inhalation:** Remove victim to fresh air.
- In Case of Skin Contact:** Wash with plenty of soap and water. Get immediate medical attention if irritation develops and persists.
- In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get immediate medical attention if irritation develops and persists.
- In Case of Ingestion:** Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
- Note to Physician:** Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.

5. FIRE FIGHTING MEASURES

- Flash Pt:** NA Method Used: Not Applicable
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** NA
- Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or 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.
- Flammable Properties and Hazards:** Containers can build up pressure if exposed to heat (fire). Use water spray to keep fire-exposed containers cool.
- Hazardous Combustion Products:** High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

- Protective Precautions, Protective Equipment and Emergency Procedures:** Use proper personal protective equipment as indicated in Section 8.
- Environmental Precautions:** Do not let product enter storm drains, storm sewers, watersheds or water systems unless authorized.
- Steps To Be Taken In Case Material Is Released Or Spilled:**
- Isolate hazard area. Keep unnecessary and unprotected personnel from entering.
- For small spills, clean up with absorbent material. Collect material in suitable and properly labeled open containers.
- For large spills, dike and pump into suitable and properly labeled containers.

7. HANDLING AND STORAGE

- Precautions To Be Taken in Handling:** Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Wash thoroughly after handling.
- Precautions To Be Taken in Storing:** Store in a cool, dry, well-ventilated area away from incompatible substances. Keep container tightly closed when not in use. Protect containers against damage. Avoid prolonged storage at high temperatures.
- Other Precautions:** Handle in accordance with good industrial hygiene and safety practices. Keep out of reach of children.



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7732-18-5	Water	No data.	No data.	No data.
67-63-0	Isopropyl alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	No data.
111-76-2	Ethylene glycol monobutyl ether	PEL: 50 ppm	TLV: 20 ppm	No data.

Respiratory Equipment (Specify Type): Do not breathe vapor or mist. None required under normal usage at ambient temperatures.

Eye Protection: Safety glasses should be sufficient for most operations; however, for misty operations wear chemical goggles.

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 before breaks and at the end of workday.

Environmental Exposure Controls: Do not let product enter storm drains, storm sewers, watersheds or water systems unless authorized.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas [X] Liquid [] Solid	
Appearance and Odor:	Appearance: Black. Liquid. Odor: solvent odor.	
pH:	NA	
Melting Point:	NA	
Boiling Point:	NA	
Flash Pt:	NA Method Used: Not Applicable	
Evaporation Rate:	NA	
Flammability (solid, gas):	No data available.	
Explosive Limits:	LEL: No data.	UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	NA	
Vapor Density (vs. Air = 1):	NA	
Specific Gravity (Water = 1):	NA	
Density:	NA	
Bulk density:	NA	
Solubility in Water:	NA	
Saturated Vapor Concentration:	NA	



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Octanol/Water Partition Coefficient:	No data.
Percent Volatile:	NA
VOC / Volume:	NA
HAP / Volume:	NA
Autoignition Pt:	NA
Decomposition Temperature:	NA
Viscosity:	NA
Particle Size:	NA
Heat Value:	NA
Corrosion Rate:	NA

10. STABILITY AND REACTIVITY

Reactivity:	Not reactive at normal temperatures and pressures.
Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	High temperatures, Ignition sources, Incompatible materials.
Incompatibility - Materials To Avoid:	Strong oxidizing agents.
Hazardous Decomposition or Byproducts:	High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

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. Other Studies: CAS# 67-63-0: Acute toxicity, LD50, Oral, Rat, 5045 mg/kg. Other Studies: CAS# 111-76-2: Acute toxicity, LC50, Inhalation, Rat, 450.0 ppm, 4 H. Acute toxicity, LD50, Oral, Rat, 470.0 mg/kg Acute toxicity, LD50, Skin, Rabbit, 220.0 mg/kg.
Irritation or Corrosion:	Prolonged exposure may cause skin irritation. May cause mild eye irritation. Other Studies: CAS# 67-63-0: Standard Draize Test, Skin, Species: Rabbit, 500 mg Standard Draize Test, Eyes, Species: Rabbit, 100 mg, 24H. Other Studies: CAS# 111-76-2: Standard Draize Test, Eyes, Species: Rabbit, 100.0 mg, 24 H.
Symptoms related to Toxicological Characteristics:	Direct contact may cause stinging, tearing or redness. Ingestion of excessive quantities may cause digestive tract irritation and signs of nervous system depression such as drowsiness, lack of coordination or headache.
Chronic Toxicological	No data available.



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Effects:

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. ECOLOGICAL INFORMATION

General Ecological Information:

Environmental: No information available.

Physical: No information available.

Other Studies: CAS# 67-63-0:

LC50, Water Flea (Daphnia magna), 10000 mg/L, 24H

LC50, Fathead Minnow (Pimephales promelas), 6550000 ug/L, 96H.

Other Studies: CAS# 111-76-2:

LC50, Water Flea (Daphnia magna), 1720 mg/l, 24 H

LC50, Common Shrimp, Sand Shrimp (Crangon crangon), 775000 ug/l, 96 H

LC50, Amphipod (Chaetogammarus marinus), young organism(s), 1000 mg/l, 24 H.

Results of PBT and vPvB assessment:

No data available.

Persistence and Degradability:

No data available.

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.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):**DOT Proper Shipping Name:** Not Regulated.**DOT Hazard Class:****UN/NA Number:**

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)
7732-18-5	Water	No	No	No
67-63-0	Isopropyl alcohol	No	No	Yes (10%)
111-76-2	Ethylene glycol monobutyl ether	No	No	Yes-Cat. N230 (5%)

EPA SARA Title III Section 313 Toxic Release Inventory.

This product contains a toxic chemical or chemicals subject to the reporting requirements of EPCRA Section 313 (40 CFR Section 372).

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7732-18-5	Water	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



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67-63-0 Isopropyl alcohol

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC: Cat. IIb, 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

111-76-2 Ethylene glycol monobutyl ether

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC: Cat. IIa, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Yes - Cat.; NC TAP: Yes - Cat.; NJ EHS: Yes - Cat.; NY Part 597: No; PA HSL: Yes - 1; SC TAP: Yes - Cat.; WI Air: Yes

CAS # Hazardous Components (Chemical Name)

7732-18-5 Water
67-63-0 Isopropyl alcohol

International Regulatory Lists

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

111-76-2 Ethylene glycol monobutyl ether

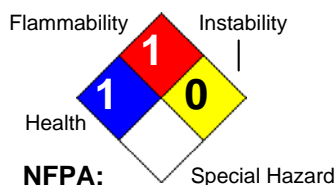
Regulatory Information: While this product does not contain any ingredients that are listed on CA Prop 65, use of this product on some leather materials may generate a chemical(s) that is listed on CA Prop 65.

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.

16. OTHER INFORMATION

Revision Date: 12/30/2019
Preparer Name: Crystal Maira

Hazard Rating System:



Additional Information: 12/30/2019 SDS updated to correct product ingredients in formulation.
12/30/2019 Routine review and updates to section 1,2,3,11,15

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