

### 1. Product and Company Identification

**Product Code:** LFGRPMRTL1  
**Product Name:** Touchless 1 Low pH Soap  
**Trade Name:** RENEGADE PRODUCTS  
**Company Name:** Maverick Abrasives  
 4340 E. Miraloma Ave  
 Anaheim, CA 92807  
**Web site address:** www.renegadeproductsusa.com  
**Email address:** cs@renegadeproductsusa.com  
**Emergency Contact:** INFOTRAC (800)535-5053  
 Contract #914-39

### 2. Hazards Identification

**Skin Corrosion/Irritation, Category 2**  
**Serious Eye Damage/Eye Irritation, Category 2A**  
**Specific Target Organ Toxicity (single exposure), Category 2**



**GHS Signal Word:** **Warning**

**GHS Hazard Phrases:** H315 - Causes skin irritation.  
 H319 - Causes serious eye irritation.  
 H371 - May cause damage to organs - Nervous system..

**GHS Precautionary Phrases:** P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
 P264 - Wash hands thoroughly after handling.  
 P270 - Do not eat, drink or smoke when using this product.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**GHS Response Phrases:** P302+352 - IF ON SKIN: Wash with plenty of soap and water.  
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P308+311 - If exposed or concerned: Call a POISON CENTER/Doctor/...  
 P321 - Specific treatment see ... on this label.  
 P332+313 - If skin irritation occurs, get medical advice/attention.  
 P337+313 - If eye irritation persists, get medical advice/attention.  
 P362+364 - Take off contaminated clothing and wash it before reuse.

**GHS Storage and Disposal Phrases:** P405 - Store locked up.  
 P501 - Dispose of contents/container to ...

**Potential Health Effects (Acute and Chronic):** Hazards not otherwise classified (HNOC) or not covered by GHS -none. Hazards not otherwise classified (HNOC) or not covered by GHS.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
111-76-2	Glycol ether EB	< 2.0 %	
6381-92-6	Sodium (di)ethylenediamine tetraacetate dihydrate	< 1.0 %	
10213-79-3	Sodium meta silicate	2.0 %	
68439-46-3	Alcohol ethoxylate	1.0 -3.0 %	

68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	< 2.0 %	
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### 4. First Aid Measures

<b>Emergency and First Aid Procedures:</b>	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. Seek medical attention.  If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.
<b>In Case of Inhalation:</b>	If breathed in, move person into fresh air. Consult a physician. If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.
<b>In Case of Skin Contact:</b>	Wash off with soap and plenty of water. Consult a physician. Wash affected area with plenty of water for at least 15 minutes. Immediately wash skin with plenty of soap and water while removing contaminated clothing and shoes. <b>GET MEDICAL ATTENTION.</b> Contaminated clothing should be discarded in a manner which limits further exposure. Take off contaminated clothing and shoes immediately.
<b>In Case of Eye Contact:</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Flush eyes with water as a precaution. Continue rinsing eyes during transport to hospital.
<b>In Case of Ingestion:</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. If a person vomits when lying on his back, place him in the recovery position. Prevent aspiration of vomit. Turn victim's head to the side. Do NOT induce vomiting.
<b>Signs and Symptoms Of Exposure:</b>	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11 Repeated exposure can cause: Sore throat.
<b>Indication of any immediate medical attention and special treatment needed:</b>	No data available.

### 5. Fire Fighting Measures

<b>Flash Pt:</b>	No data. Method Used: Unknown
<b>Explosive Limits:</b>	LEL: No data. UEL: No data.
<b>Autoignition Pt:</b>	230.00 C (446.0 F)
<b>Suitable Extinguishing Media:</b>	Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2) Dry powder. Dry sand, Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable Extinguishing Media:</b>	No data available.
<b>Fire Fighting Instructions:</b>	Wear self contained breathing apparatus for fire fighting if necessary. Further information: No data available.
<b>Flammable Properties and Hazards:</b>	Carbon oxides, Sulphur oxides, No data available. Sodium oxides.
<b>Hazardous Combustion Products:</b>	Burning produces noxious and toxic fumes. Incomplete combustion may form carbon monoxide. Evacuate area and keep personnel upwind.

### 6. Accidental Release Measures

**Protective Precautions, Protective Equipment and Emergency Procedures:** Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. For personal protection see section 8. Wear a self contained breathing apparatus and appropriate personal protection. Wear appropriate protective clothing to minimize contact with skin. Evacuate personnel to safe areas. Remove all sources of ignition. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

**Environmental Precautions:** Do not let product enter drains. Construct a dike to prevent spreading. Prevent further leakage or spillage if safe to do so.

**Steps To Be Taken In Case Material Is Released Or Spilled:** Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Ventilate the spill site thoroughly before reentering. Stop leak only if you can do so without risk. If possible, try to contain floating material. Place in appropriate container. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

### 7. Handling and Storage

**Precautions To Be Taken in Handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Wash at the end of each work shift. Adhere to work practice rules established by government regulations. Use only in a well ventilated area. Avoid breathing vapor. Use personal protective equipment as required. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.

**Precautions To Be Taken in Storing:** Keep container tightly closed in a dry and well-ventilated place. Stored under nitrogen. Keep away from heat and sources of ignition. Ensure all equipment is electrically grounded before beginning transfer operations. Do not store in direct sunlight. Store at temperature between 45°F (7.22°C) and 100°F (37.7°C). Storage class 510): Combustible liquids Non Combustible.

**Other Precautions:** Apart from the uses mentioned in section 1.2 no other specific uses are stipulated. Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
111-76-2	Glycol ether EB	PEL: 50 ppm	No data.	No data.
6381-92-6	Sodium (di)ethylenediamine tetraacetate dihydrate	No data.	No data.	No data.
10213-79-3	Sodium meta silicate	No data.	No data.	No data.
68439-46-3	Alcohol ethoxylate	No data.	No data.	No data.
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	No data.	No data.	No data.

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
111-76-2	Glycol ether EB	California, USA PELs	TWA: 97 mg/m3 (20 ppm)	
		NIOSH	TWA: 5 ppm	

**Recommended Exposure** No data available.

**Limits:**

**Personal Protective Equipment Symbols:**

**Respiratory Equipment (Specify Type):** For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Wear appropriate breathing apparatus if air renewal not sufficient to maintain vapor under TLV. Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls.

If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Eye Protection:** Safety glasses with side-shields conforming to EN166. Chemical safety goggles. Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Protective Gloves:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Impervious gloves. Nitrile or Neoprene gloves are recommended. Full contact.  
 This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario. Splash contact:  
 Test method: EN374.

**Other Protective Clothing:** Impervious clothing. Long-sleeved shirt, long pants and shoes plus socks. Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Engineering Controls (Ventilation etc.):** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use adequate general or local explosion-proof ventilation to keep airborne levels to acceptable levels.

**Work/Hygienic/Maintenance Practices:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

**Environmental Exposure Controls:** Do not let product enter drains. Prevent further leakage or spillage if safe to do so.

### 9. Physical and Chemical Properties

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

**Appearance and Odor:** Appearance: green.  
Liquid.

**pH:** 3

**Melting Point:** -75.00 F (-59.4 C) - 248.00 C (478.4 F)

**Boiling Point:** 157.22 F (69.6 C) - 350.00 C (662.0 F)

<b>Flash Pt:</b>	No data. Method Used: Unknown
<b>Evaporation Rate:</b>	No data.
<b>Flammability (solid, gas):</b>	No data available.
<b>Explosive Limits:</b>	LEL: No data. UEL: No data.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	No data.
<b>Vapor Density (vs. Air = 1):</b>	No data.
<b>Specific Gravity (Water = 1):</b>	No data.
<b>Density:</b>	~ 0.961 G/CM3
<b>Solubility in Water:</b>	100%
<b>Solubility Notes:</b>	completely miscible, soluble.
<b>Saturated Vapor Concentration:</b>	No data.
<b>Octanol/Water Partition Coefficient:</b>	No data.
<b>Autoignition Pt:</b>	230.00 C (446.0 F)
<b>Decomposition Temperature:</b>	No data.
<b>Viscosity:</b>	No data.
<b>Explosive Properties:</b>	No data available.
<b>Oxidizing Properties:</b>	No data available.
<b>Information with regard to primary physical hazard:</b>	

### 10. Stability and Reactivity

<b>Reactivity:</b>	No data available.
<b>Stability:</b>	Unstable [ <input type="checkbox"/> ] Stable [ <input checked="" type="checkbox"/> ]
<b>Conditions To Avoid - Instability:</b>	No data available. Stable under normal temperatures and pressures. Heat, flames and sparks.
<b>Incompatibility - Materials To Avoid:</b>	Reactive metals (e.g. sodium, calcium, zinc etc.). hydroxy compounds (e.g. ethanol) Oxidizing agents, Copper alloys, Strong acids.
<b>Hazardous Decomposition or Byproducts:</b>	No data available. In the event of fire: see section 5. Carbon monoxide, carbon dioxide, Aldehydes, Hydrocarbons, Hazardous decomposition products formed under fire conditions. -Carbon oxides. nitrogen oxides (NOx), Sodium oxides.
<b>Possibility of Hazardous Reactions:</b>	Will occur [ <input type="checkbox"/> ] Will not occur [ <input checked="" type="checkbox"/> ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	No data available.

## 11. Toxicological Information

**Toxicological Information:** Acute toxicity.

Germ cell mutagenicity: Hamster ovary.  
Result: negative.

Reproductive toxicity: No data available.

Aspiration hazard: (OECD Test Guideline 474) Mouse. male.  
Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

Dermal.

**Irritation or Corrosion:** Skin corrosion/irritation.  
Result: Tumorigenic:Tumors at site or application. No skin irritation -24. Eyes: Rabbit. No data available. No skin irritation -4 h. Skin. Result: No skin irritation . (OECD Test Guideline 404) Eyes. No eye irritation . (OECD Test Guideline 405) Serious eye damage/eye irritation: no data available.

**Symptoms related to Toxicological Characteristics:** No data available.

**Sensitization:** No data available. Maximisation Test. Species: Guinea pig. Result: Tumorigenic:Tumors at site or application. Does not cause skin sensitisation.

**Chronic Toxicological Effects:** Specific target organ toxicity -single exposure (Globally Harmonized System) No data available.  
Specific target organ toxicity -repeated exposure: no data available. Specific target organ toxicity - single exposure: Specific target organ toxicity -single exposure: May cause respiratory irritation.

**Carcinogenicity/Other Information:** IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.  
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. No data available. IARC: Group 3: Not classifiable as to its carcinogenicity to humans .

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
111-76-2	Glycol ether EB	n.a.	3	n.a.	n.a.
6381-92-6	Sodium (di)ethylenediamine tetraacetate dihydrate	n.a.	n.a.	n.a.	n.a.
10213-79-3	Sodium meta silicate	n.a.	n.a.	n.a.	n.a.
68439-46-3	Alcohol ethoxylate	n.a.	n.a.	n.a.	n.a.
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	n.a.	n.a.	n.a.	n.a.

## 12. Ecological Information

**General Ecological Information:** No data available. (OECD Test Guideline 201))

**Results of PBT and vPvB assessment:** PBT/vPvB assessment not available as chemical safety assessment not required/not conducted. No data available.

**Persistence and Degradability:** Biodegradability: aerobic -Exposure time 28. Result: 83 -85 % Readily biodegradable. Biodegradable. Result: 90.4 % Biodegradability: Result: Remarks: no data available. Chemical Oxygen 590 mg/g Demand (COD) No data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

**Other adverse effects:** No data available.

### 13. Disposal Considerations

**Waste Disposal Method:** Product:  
 Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.  
 Contaminated packaging: Dispose of container and unused contents in accordance with federal, state, and local requirements. This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Dispose of as unused product. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

### 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:**

**DOT Hazard Class:**

**UN/NA Number:**

**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** Not dangerous goods.

**UN Number:**

**Packing Group:**

**Hazard Class:**

### 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)
111-76-2	Glycol ether EB	No	No	Yes-Cat. N230
6381-92-6	Sodium (di)ethylenediamine tetraacetate dihydrate	No	No	No
10213-79-3	Sodium meta silicate	No	No	No
68439-46-3	Alcohol ethoxylate	No	No	No
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	No	No	No

**This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:**

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Explosive <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Flammable (gases, aerosols, liquid, or solid) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Oxidizer (liquid, solid or gas) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-reactive <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric (liquid or solid) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric gas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-heating <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Organic peroxide <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Corrosive to metal <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Gas under pressure (compressed gas) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No In contact with water emits flammable gas <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Combustible Dust <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Physical) Hazard Not Otherwise Classified (HNOC)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Acute toxicity (any route of exposure) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Skin Corrosion or Irritation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Serious eye damage or eye irritation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Respiratory or Skin Sensitization <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Germ cell mutagenicity <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Carcinogenicity <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Reproductive toxicity <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Specific target organ toxicity (single or repeated exposure) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Aspiration Hazard <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Simple Asphyxiant <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Health) Hazard Not Otherwise Classified (HNOC)
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CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
111-76-2	Glycol ether EB	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC: Cat. IIa, Title 8
6381-92-6	Sodium (di)ethylenediamine tetraacetate dihydrate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No



# SAFETY DATA SHEET

## Touchless 1 Low pH Soap

10213-79-3	Sodium meta silicate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No
68439-46-3	Alcohol ethoxylate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No

### 16. Other Information

Revision Date: 09/01/2022

Hazard Rating System:

HEALTH		1
FLAMMABILITY		0
PHYSICAL		0
PPE		B

HMIS:

Additional Information About This Product: No data available.

Company Policy or Disclaimer:

Disclaimer: