



SAFETY DATA SHEET SANITIZER HAND GEL

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This SDS complies with the US OSHA HCS 2012.

1. Product and Company Identification

Product Code: GLSANIGEL70%
Product Name: SANITIZER HAND GEL
Trade Name: RENEGADE CLEANING PRODUCTS
Company Name: Maverick Abrasives
4340 E. Miraloma Ave
Anaheim, CA 92807
Phone Number: (714)409-9041
Web site address: www.renegadecleaningproducts.com
Email address: garrett@renegadeproductsusa.com
Emergency Contact: INFOTRAC - info@infotrac.net
Contract #914-39
USA/Canada (800)535-5053
Int'l (352)323-3500

2. Hazards Identification

Flammable Liquids, Category 3

Serious Eye Damage/Eye Irritation, Category 2

Specific Target Organ Toxicity (single exposure), Category 3



GHS Signal Word:

Warning

GHS Hazard Phrases:

H226 - Flammable liquid and vapor.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.

GHS Precautionary Phrases:

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting/.../ equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P235 - Keep cool.

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.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P337+313 - If eye irritation persists, get medical advice/attention.
P370+378 - In case of fire, use ... to extinguish.

GHS Storage and Disposal Phrases:

P403+233 - Store container tightly closed in well-ventilated place.
P405 - Store locked up.
P501 - Dispose of contents/container to ...



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Potential Health Effects (Acute and Chronic): Hazards not otherwise classified (HNOC) or not covered by GHS. May form explosive peroxides.

Chronic: None.

Inhalation: No hazard expected in normal industrial use.

Skin Contact: Non-irritating to the skin.

Eye Contact: Non-irritating to the eyes.

Ingestion: No hazard expected in normal industrial use.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
67-63-0	Isopropyl alcohol	30.0 -70.0 %	
56-81-5	Glycerin	0.5 -1.0 %	
139637-85-7	Carbomer 980	< 0.3 %	

4. First Aid Measures

Emergency and First Aid Procedures: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

In Case of Inhalation: If breathed in, move person into fresh air. Consult a physician. No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

In Case of Skin Contact: Wash off with soap and plenty of water. Consult a physician. No specific treatment is necessary, since this material is not likely to be hazardous.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. No specific treatment is necessary, since this material is not likely to be hazardous.

In Case of Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. No specific treatment is necessary, since this material is expected to be non-hazardous.

Signs and Symptoms Of Exposure: The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of any immediate medical attention and special treatment needed: No data available.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Point: 93.00 C (199.4 F) Method Used: Estimate

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: 425.00 C (797.0 F)

Suitable Extinguishing Media: Dry powder. Dry sand, Not available.

Unsuitable Extinguishing Media: Do not use water jet.

Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary. Further information: Use water spray to cool unopened containers. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn.

Flammable Properties and Hazards: No data available.



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Hazardous Combustion No data available.

Products:

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.

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

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2. No special handling procedures are required.

Precautions To Be Taken in Storing: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Handle and store under inert gas. Hygroscopic.

Storage class (TRGS 510): 3: Flammable liquids No special storage requirements.

Other Precautions: 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
67-63-0	Isopropyl alcohol	PEL: 400 ppm	No data.	No data.
56-81-5	Glycerin	PEL: 15 (dust); 5 (resp.) mg/m3	No data.	No data.
139637-85-7	Carbomer 980	No data.	No data.	No data.

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
67-63-0	Isopropyl alcohol	California, USA PELs	TWA: 980 mg/m3 (400 ppm) STEL: 1225 mg/m3 (500 ppm)	
		NIOSH	TWA: 980 mg/m3 (400 ppm) STEL: 1225 mg/m3 (500 ppm)	
56-81-5	Glycerin	California, USA PELs	TWA: 10 mg/m3 (dust); 5 mg/m3 (resp.) (Total dust)	

Personal Protective Equipment Symbols:

Respiratory Equipment (Specify Type): Respiratory: 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). Respirator protection is not normally required.

Eye Protection: 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). Eye protection is not normally required.



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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. Full contact. Material: Nitrile rubber, Minimum layer thickness: 0.4 mm, Break through time: 480 min. Splash contact: If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. 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. Protective garments not normally required.
Other Protective Clothing:	Impervious clothing. Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Protective garments not normally required.
Engineering Controls (Ventilation etc.):	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. There are no special ventilation requirements.
Environmental Exposure Controls:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	alcohol-like. Appearance: Viscous.
pH:	5-6
Melting Point:	-89.50 C (-129.1 F) - 21.90 C (71.4 F) - Range of ingredient values (partial data)
Boiling Point:	82.00 C (179.6 F) - 316.90 C (602.4 F) - Range of ingredient values (partial data)
Flash Point:	93.00 C (199.4 F) Estimate
Evaporation Rate:	No data.
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: No data. UEL: No data.
Vapor Pressure:	No data.
Vapor Density (vs. Air=1):	No data.
Specific Gravity (Water=1):	No data.
Density:	~ 7.88 LB/GA
Solubility in Water:	100%
Saturated Vapor Concentration:	No data.
Octanol/Water Partition Coefficient:	No data.
Autoignition Pt:	425.00 C (797.0 F)
Decomposition Temperature:	No data.
Viscosity:	800-1000



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Explosive Properties: No data available.

Information on other hazards: No data available.

10. Stability and Reactivity

Reactivity: No data available.

Stability: Unstable [] Stable [X]

Conditions To Avoid - Reacts with air to form peroxides.

Instability: Conditions to Avoid: Heat, flames and sparks.

Incompatibility - Materials To Avoid: Oxidizing agents, Acid anhydrides, Aluminum, Halogenated compounds, Acids. None.

Hazardous Decomposition or Byproducts: Hazardous decomposition products formed under fire conditions. -Carbon oxides. No data available.

In the event of fire: see section 5. None.

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

Conditions To Avoid - Hazardous Reactions: Vapors may form explosive mixture with air.

11. Toxicological Information

Toxicological Information: Acute toxicity.

Behavioral: Somnolence (general depressed activity).

Germ cell mutagenicity: No data available.

Ames test.

Bacteria - Salmonella typhimurium, Result: negative.

In vitro mammalian cell gene mutation test: (OECD Test Guideline 474) Mouse. male and female. Bone marrow. Reproductive toxicity. Aspiration hazard: Epidemiology:

Teratogenicity: No data available.

Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies:

Irritation or Corrosion: Skin corrosion/irritation. Skin. Rabbit.

Result: No skin irritation . Remarks: (anhydrous substance) (OECD Test Guideline 404)

Serious eye damage/eye irritation: Eyes. No eye irritation . (OECD Test Guideline 405)

Sensitization: Buehler Test: Species: Guinea pig. Result: negative. (OECD Test Guideline 406))

Chronic Toxicological Effects: Specific target organ toxicity - single exposure: Inhalation: Oral. May cause drowsiness or dizziness.

Acute inhalation toxicity: Central nervous system.

Specific target organ toxicity -repeated exposure: no data available.

Carcinogenicity/Other Information: This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

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. CAS# 0.1%: Not listed by ACGIH, IARC, NTP, or CA Prop 65.



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CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
67-63-0	Isopropyl alcohol	n.a.	3	A4	n.a.
56-81-5	Glycerin	n.a.	n.a.	n.a.	n.a.
139637-85-7	Carbomer 980	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

General Ecological Information:	(US-EPA)
Results of PBT and vPvB assessment:	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
Persistence and Degradability:	Biodegradability aerobic -Exposure time 21 d Result: 95 % -Readily biodegradable. (OECD Test Guideline 301E)
Bioaccumulative Potential:	No bioaccumulation is to be expected (log Pow <= 4).
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. Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Contact a licensed professional waste disposal service to dispose of this material. Contaminated packaging: Dispose of as unused product. 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. RCRA P-Series: None listed. RCRA U-Series: None listed.
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14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:	Isopropyl alcohol. Solution.		
DOT Hazard Class:	3	FLAMMABLE LIQUID	
UN/NA Number:	UN1219	Packing Group:	III



LAND TRANSPORT (Canadian TDG):

TDG Shipping Name:	No information available.		
UN Number:	UN1219	Packing Group:	III
Hazard Class:	3 - FLAMMABLE LIQUID	TDG Classification:	



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AIR TRANSPORT (ICAO/IATA):**ICAO/IATA Shipping Name:** Isopropyl alcohol. Solution.**UN Number:** UN1219**Packing Group:** III**Hazard Class:** 3 - FLAMMABLE LIQUID

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
56-81-5	Glycerin	No	No	No
139637-85-7	Carbomer 980	No	No	No

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

☐ Yes ☒ No	Explosive	☐ Yes ☒ No	Acute toxicity (any route of exposure)
☒ Yes ☐ No	Flammable (gases, aerosols, liquid, or solid)	☐ Yes ☒ No	Skin Corrosion or Irritation
☐ Yes ☒ No	Oxidizer (liquid, solid or gas)	☒ Yes ☐ No	Serious eye damage or eye irritation
☐ Yes ☒ No	Self-reactive	☐ Yes ☒ No	Respiratory or Skin Sensitization
☐ Yes ☒ No	Pyrophoric (liquid or solid)	☐ Yes ☒ No	Germ cell mutagenicity
☐ Yes ☒ No	Pyrophoric gas	☐ Yes ☒ No	Carcinogenicity
☐ Yes ☒ No	Self-heating	☐ Yes ☒ No	Reproductive toxicity
☐ Yes ☒ No	Organic peroxide	☒ Yes ☐ No	Specific target organ toxicity (single or repeated exposure)
☐ Yes ☒ No	Corrosive to metal	☐ Yes ☒ No	Aspiration Hazard
☐ Yes ☒ No	Gas under pressure (compressed gas)	☐ Yes ☒ No	Simple Asphyxiant
☐ Yes ☒ No	In contact with water emits flammable gas	☐ Yes ☒ No	(Health) Hazard Not Otherwise Classified (HNOC)
☐ Yes ☒ No	Combustible Dust		
☐ Yes ☒ No	(Physical) Hazard Not Otherwise Classified (HNOC)		

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
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
56-81-5	Glycerin	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No
139637-85-7	Carbomer 980	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No

Regulatory list descriptions:

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

Sec.302: EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.

Sec.304: EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ.

Sec.313: EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.

Sec.110: EPA SARA 110 Superfund Site Priority Contaminant List

Other Important Lists:

CWA NPDES: EPA Clean Water Act NPDES Permit Chemical

CAA HAP: EPA Clean Air Act Hazardous Air Pollutant

CAA ODC: EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)

CA PROP 65: California Proposition 65

CA TAC: California AB 1807 - Toxic Air Contaminants

CA Title 8: California Hazardous Substances List: Title 8, Sec. 339

TSCA (Toxic Substances Control Act) Lists:

TSCA: Chemical listed in the TSCA Inventory.

4 ECA: Enforceable Consent Agreements.

4 TERM: Termination of Testing.

4 Test: Testing of Existing Chemicals.

5A(2): Chemical Subject to Significant New Rules (SNURS)

5(e): Testing consent order chemicals.



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5(f): Specific labeling - Immediately effective rules.
6A: Commercial Chemical Control Rules
6H: Persistent, bioaccumulative, and toxic (PBT) chemicals.
8A: Toxic Substances Subject To Information Rules on Production
8A CAIR: Comprehensive Assessment Information Rules - (CAIR)
8A PAIR: Preliminary Assessment Information Rules - (PAIR)
8A PFAS: Reporting and Recordkeeping Requirements for Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS).
8C: Records of Allegations of Significant Adverse Reactions
8D: Health and Safety Data Reporting Rules
8D TERM: Health and Safety Data Reporting Rule Terminations
12(b): Notice of Export

International Regulatory Lists:

16. Other Information

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Hazard Rating System:

HEALTH		1
FLAMMABILITY		1
PHYSICAL		0
PPE		

HMIS:

Additional Information About No data available.

This Product:

Company Policy or

Disclaimer: