


SAFETY DATA SHEET

Section 1 - Identification of the Product		
1.1	Product Identifier	Black Gold Hand Sanitizer – Ethanol Base
1.2	Product Code	
1.3	Recommended Use	Sanitizing solution
1.4	Manufacturer Information	Black Gold Capital, LLC 2121 Bethel Road Columbus, OH 43220 219-552-9550
1.5	Emergency Telephone	219-552-9550
Section 2 - Hazard Identification		
2.1	Hazard Classification	Flammable Liquid 3 Serious Eye Damage/Eye Irritation 2B
2.2	Label Elements	
	Signal Word	Warning
	Hazard Statements	H226: Flammable liquid and vapor H242: Heating may cause a fire H302 - Harmful if swallowed H319 - Causes serious eye irritation
	Pictogram Symbols	
	Precautionary Statements	P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking P233: Keep container tightly closed. P235 + P403: Store in well ventilated area. P240: Ground/bond container and receiving equipment P241: Use explosion-proof electrical, ventilating, and lighting equipment. P242: Use only non-sparking tools. P243: Take precautionary measures against static discharge. P264: Wash hands thoroughly after handling. P281: Use personal protective equipment as required P303 + P353 + P361: IF ON SKIN (or hair): Remove all contaminated clothing. Rinse skin and water. P305 + P338 + P353: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. P313 + P337: If eye irritation persists: Get medical attention. P370: In case of fire use class B extinguisher P501: Dispose of contents and container to an approved waste disposal plant.

- 2.3 Hazards Not Otherwise Classified** Material may release hazardous gasses if combusted

Section 3 – Composition/Information on Ingredients

Chemical Name	Common Name	CAS No.	Concentration
Denatured Ethanol	Ethyl Alcohol	64-17-5	75.0 - 85.0%
Hydrogen Peroxide	Hydrogen Peroxide	7722-84-1	0.1 - 0.2%
Glycerin USP	Glycerin	56-81-5	0.6 - 0.9%

Section 4 – First-Aid Measures

Exposure Routes	Symptoms	Description of Necessary Measures
Inhalation	Irritation, dizziness	Moved the exposed person to fresh air; seek medical attention if irritation continues.
Skin/Eye	Irritation	Irrigate the eyes with water; seek medical attention if discomfort continues.
Ingestion	Nausea, gastric pain	Seek medical attention.
Skin	Defatting, dry skin	Wash with water. Seek medical attention if symptoms persist.

Section 5 – Fire Fighting Measures

5.1 Suitable Extinguishing Media	Ordinary flammable material. Use fire extinguisher with Class ABC extinguishing agent.
5.2 Specific Hazards Arising from the Material	Pressure can build up in head space of container if exposed to excessive heat. Carbon monoxide is expected to be the primary hazardous combustion product.
5.3 Special Protective Equipment for Firefighters	Wear self-breathing and protective clothing to prevent contact with skin and eyes. Keep unopened containers cool by spraying with water.

Section 6 - Accidental Release Measures

6.1 Personal Precautions, Protective Equipment	Use appropriate eye, face, respiratory and skin PPE when handling spilled material. Do not inhale vapor, mist or gas.
6.2 Methods and Materials for Containment and Cleaning Up	Use suitable absorbent materials such as oil dry, wipes or absorbent pigs.

Section 7 – Handling and Storage

7.1 Precautions for Safe Handling	Solvents in product can be released in storage if subjected to heat. Use general ventilation and/or local exhaust ventilation to control airborne exposures to below OSHA Permissible Exposure Limits.
7.2 Conditions for Safe Storage	Store product in well ventilated space. Maintain storage temperature below 30°C. Avoid contact with strong oxidizing agents. Store large quantities only in buildings designed to comply with OSHA 1910.106. Store containers out of sunlight and away from heat. Pressure can build up in head space of container if exposed to excessive heat.

Section 8 – Exposure Controls/Personal Protection

- 8.1** This product is considered to be a consumer commodity that is safe for consumer use under normal and reasonable use. Due to the flammability of the ingredients, inappropriate use of this product could result in severe unintended consequences.

Common Name	OSHA PEL	ACGIH TLV	NIOSH REL
Ethyl Alcohol	8-hour TWA - 1000 ppm (1900 mg/m ³)	8-hour TLV - N/A 15-minute STEL - 1000 ppm	10-hour TWA - 1000 ppm (1900 mg/m ³)
Hydrogen Peroxide	8-hour TWA - 1 ppm (1.4 mg/m ³)	8-hour TWA - 1 ppm	10-hour TWA - 1 ppm
Glycerin	8-hour TWA - 15 mg/m ³ (total dust) 5 mg/m ³ (respirable)	N/A	N/A

- 8.2 Engineering Controls** Local exhaust ventilation as indicated by good industrial safety practice
- 8.3 Work Practice Controls** Avoid contact with the eyes. Product is a serious eye irritant.
Avoid ingestion of product. Product is designed as for skin use only. Product may be harmful if swallowed.
- 8.4 Personal Protective Equipment (PPE) Controls** In consumer product quantities – this product is safe for use without the use of PPE provided the product is only applied to the skin.
- In non-consumer product bulk quantities - Use suitable protective gloves when handling material. Safety glasses with side shields or goggles are recommended for good industrial safety practice. Respiratory protection such as air purifying respirators with organic vapor cartridges may be necessary.

Section 9 – Physical and Chemical Properties

9.1	Appearance	Clear liquid
9.2	Odor	Sweet; alcohol-like
9.3	Odor Threshold	No Data Available
9.4	pH	6.5 – 8.5
9.5	Melting Point	Not Applicable
9.6	Boiling Point	158°F
9.7	Flash Point	77°F
9.8	Evaporation Rate	Slower than ether
9.9	Flammability	Flammable
9.10	LEL/UEL	No Data Available
9.11	Vapor Pressure	Not Applicable
9.12	Vapor Density	>1.0
9.13	Relative Density	0.88 g/cm ³ (water = 1.0)
9.14	Solubility	Soluble in water
9.15	Partition Coefficient	Not Applicable
9.16	Auto-ignition Temperature	Not Applicable
9.17	Decomposition Temperature	Not Applicable
9.18	Viscosity	Low

Section 10 – Stability and Reactivity

10.1	Reactivity	Not reactive
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10.2 Chemical Stability	Stable
10.3 Possibility of Hazardous Reaction	Vapor may form explosive mixture with air
10.4 Conditions to Avoid	High heat; open flame
10.5 Incompatible Materials	Strong oxidizing agents

Section 11 – Toxicological Information

11.1 Routes of Entry - Inhalation	Inhalation – possible inhalation of solvents if material is not handled in a properly ventilated area																																								
Route of Entry – Ingestion	Ingestion – acute oral toxicity																																								
Route of Entry Skin & Eye Contact	Possible contact if required PPE is not used or the product is used improperly																																								
Measures of Toxicity	<table> <thead> <tr> <th></th> <th>Oral</th> <th>Dermal</th> <th>Inhalation</th> </tr> <tr> <th>Ingredient</th> <th>LD50</th> <th>LD50</th> <th>LC50</th> </tr> <tr> <th>CAS Number</th> <th>(Rat)</th> <th>(Rat)</th> <th>(Rat)</th> </tr> </thead> <tbody> <tr> <td>Ethanol</td> <td>>5000</td> <td></td> <td></td> </tr> <tr> <td>64-17-5</td> <td>mg/kg</td> <td>-</td> <td>124.7 mg/l</td> </tr> <tr> <td>Glycerin</td> <td></td> <td></td> <td></td> </tr> <tr> <td>56-81-5</td> <td>-</td> <td>>10 g/kg</td> <td>-</td> </tr> <tr> <td>Hydrogen Peroxide</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7722-84-1</td> <td>≥ 90000</td> <td>-</td> <td>11 mg/l</td> </tr> <tr> <td></td> <td>mg/kg</td> <td></td> <td>(4-hours)</td> </tr> </tbody> </table>		Oral	Dermal	Inhalation	Ingredient	LD50	LD50	LC50	CAS Number	(Rat)	(Rat)	(Rat)	Ethanol	>5000			64-17-5	mg/kg	-	124.7 mg/l	Glycerin				56-81-5	-	>10 g/kg	-	Hydrogen Peroxide				7722-84-1	≥ 90000	-	11 mg/l		mg/kg		(4-hours)
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11.2 Symptoms																																									
Physical Characteristics	Dizziness, irritation of eyes and skin																																								
Chemical Characteristics	Irritation, nausea																																								
Toxicological Characteristics	N/A																																								
11.3 Short Term Effects, Acute Exposure	Dizziness, fatigue																																								
Short Term Effects, Chronic Exposure	Headache																																								
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Section 12 – Ecological Information

Not Applicable

Section 13 – Disposal Considerations

Product may be disposed of as a flammable liquid
US EPA Waste Code(s): D001

Section 14 – Transport Information

Canada TDG	UN1170, Ethanol Solution., 3, PG III (>24% ethanol, by volume)
IATA	UN1170, Ethanol Solution, 3, PG III
Mexico NOM-002-SCT/2003	UN1170, Etanol en Solucion, 3, PG III
US DOT	UN1170, Ethanol Solution., 3, PG III

Section 15 – Regulatory Information

AICS	Hydrogen Peroxide	7722-84-1
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California Proposition 65	This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other reproductive disorders.	
Canada Domestic Substances List	Ethyl Alcohol	64-17-5
	Hydrogen Peroxide	7722-84-1
CERCLA	This material does not contain any components with a CERCLA RQ	
New Jersey Right to Know	Ethyl Alcohol	64-17-5
	Hydrogen Peroxide	7722-84-1
	Glycerin	56-81-5
Pennsylvania Right to Know	Ethyl Alcohol	64-17-5
	Hydrogen Peroxide	7722-84-1
	Glycerin	56-81-5
SARA 302	No chemicals in this material are subject to the SARA 302 reporting requirements	
SARA (311, 312) Hazard Class	Fire Hazard Serious Eye Damage/Eye Irritation	
SARA Section 313	No chemicals in this material are subject to the SARA 313 reporting requirements	

Section 16 – Other Information

16.1 Date of Revision	May 14, 2020
16.2 Disclaimer	This Safety Data Sheet is provided as a means of conveying information about the proper handling and use of this product. It is completed with the best information available at the time of its preparation and is believed to be true and accurate. However, no express or implied guarantee or warranty of any kind is made with respect to this information.
16.3 Abbreviations	AICS – Australian Inventory of Chemical Substances CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act DOT – Department of Transportation (United States) EPA – Environmental Protection Agency (United States) IARC - International Agency for Research on Cancer IATA - International Air Transport Association LEL – Lower Explosive Limit NIOSH – National Institute for Occupational Safety and Health NOM - Normas Oficiales Mexicanas (Official Mexican Standards) NTP – National Toxicology Program OSHA – Occupational Safety and Health Administration PEL – Permissible Exposure Limit RQ – Reportable Quantity SARA – Superfund Amendments and Reauthorization Act TDG – Transport Dangerous Goods (Canada) TLV – Threshold Limit Value TWA – Time Weighted Average UEL - Upper Exposure Limit