



SAFETY DATA SHEET

Anti-Bacterial Hand Sanitizer Gel

1. PRODUCT AND COMPANY IDENTIFICATION

DATE ISSUED: 1/21/2020 **SDS Ref #:** PC-9003 **Version #:** 9003-01

PRODUCT NAME: Anti-Bacterial Hand Sanitizer Gel (1 gal jug)

PRODUCT CODE: PC-9003-G01

PRODUCT USE: Hand Sanitizer

MANUFACTURER:
CIC Coatings, LLC
2935 Almeta Lane McKinney, TX, 75069
877-258-8797

24 HR. EMERGENCY TELEPHONE NUMBER
ChemTel : (800)255-3924

2. HAZARDS IDENTIFICATION

This is a personal care product that is safe for consumers and other users. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

GHS Classification:

Flammable liquids

Category 3

Hazard Symbols:



Single word: Warning

Hazard statements: Flammable liquid and vapor. Causes serious eye irritation.

Precautionary statements:

Prevention:

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Response:

If on skin (or hair): Wash contaminated clothing before reuse. In case of fire: Use dry chemical, carbon dioxide (CO₂), foam, or water spray to extinguish.

Storage: Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

Disposal: Dispose of contents/ container to an approved waste disposal plant.



SAFETY DATA SHEET

Anti-Bacterial Hand Sanitizer Gel

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Concentration (% wt)
Ethanol	64-17-5	70%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. FIRST AID MEASURES

If inhaled:	Move to fresh air. Get medical attention if symptoms occur.
In case of skin contact:	Wash with water and soap. Get medical attention if symptoms occur.
In case of eye contact:	If in eyes, immediately rinse with plenty of water for 15–20 minutes. If present, remove contact lenses. Get medical attention if symptoms occur.
If swallowed:	Do not induce vomiting. Call a doctor or poison control center.
Most important symptoms and effects, both acute and delayed:	See Section 11 for information.
Notes to physician:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Dry chemical, carbon dioxide (CO ₂), Alcohol-resistant foam, or water spray.
Unsuitable extinguishing media:	High volume water jet.
Specific hazards during firefighting:	Vapors are heavier than air and may travel to source of ignition and flash back. Do not use a solid water stream. Vapors may form explosive mixtures with air.
Hazardous combustion products:	Oxides of carbon.
Special protective equipment for firefighters:	Self-contained breathing apparatus pressure-demand. Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Remove all sources of ignition. Wear appropriate personal protective equipment. Follow safe handling advice.
Environmental precautions:	Avoid release to the environment. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillage cannot be contained.
Methods and materials for containment and cleaning up:	Prevent runoff from entering drains, sewers, or streams. Non-speaking tools should be used. Soak up with inert absorbent material.
Notification Procedures:	According to local laws a regulation.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Handle in accordance with good industrial hygiene and safety practice. Keep away from heat, sparks, and flames. Use with local exhaust ventilation. Do not eat, drink, or smoke when using this product.

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES: Store in accordance all applicable regulations and fire codes. Keep containers tightly closed in a cool, well-ventilated place away from heat, sparks, open flames, and hot surfaces.



SAFETY DATA SHEET

Anti-Bacterial Hand Sanitizer Gel

8. EXPOSURE CONTROLS\PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value Type	Permissible Conc.	Basis
Ethanol	64-17-5	TWA	1000 ppm 1,900 mg/m ³	NIOSH REL
		TWA	1000 ppm 1,900 mg/m ³	OSHA Z-1

ENGINEERING CONTROLS: Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

PERSONAL PROTECTIVE EQUIPMENT

Engineering Measures: Minimize workplace exposure concentrations. Use only in an area equipped with explosion proof exhaust ventilation. Use with local exhaust ventilation.

Personal protective equipment Respiratory protection: General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Hand protection: Impervious gloves

Eye protection: Wear the following personal protective equipment: Safety goggles

Skin and body protection: Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential. Wear the following personal protective equipment: Flame retardant antistatic protective clothing. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).

Hygiene measures: Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Clear, Colorless Liquid

ODOR: Faint butyl odor

pH: N/A

BOILING POINT: 158° F (70°C)

FREEZING POINT: ND

FLASH POINT: 77°F (25°C)

SOLUBILITY IN WATER: completely soluble

SPECIFIC GRAVITY: .875

10. STABILITY AND REACTIVITY

REACTIVITY: Not classified as a reactivity hazard.

CHEMICAL STABILITY: Stable under normal conditions.



SAFETY DATA SHEET

Anti-Bacterial Hand Sanitizer Gel

POSSIBILITY OF HAZARDOUS REACTIONS: Flammable liquid and vapor. Vapors may form explosive mixture with air. Can react with strong oxidizing agents.

CONDITIONS TO AVOID: Heat, flames and sparks.

INCOMPATIBLE MATERIALS: Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

Chemical Name

Ethanol	Acute Oral toxicity	LD50 = 5000 mg/kg (Rat)
	Acute inhalation toxicity	LC50 = 124.7 mg/l (Rat) 4 hours - vapor

PRODUCT INFORMATION

Inhalation: Inhalation of high concentrations of vapor or mist may cause dizziness.

Eye Contact: May cause slight irritation.

Skin Contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

CHRONIC TOXICITY

Carcinogenicity: Not classified based on available information.

Reproductive toxicity: no adverse effect observed.

Specific Target Organ toxicity-single exposure: not classified

Specific Target Organ toxicity-repeated exposure: not classified

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

Ecotoxicity

Ingredient: Ethanol

Toxicity to fish: LC50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (Water flea)): > 1,000 mg/l Exposure time: 48 h

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity): NOEC (Daphnia magna (Water flea)): 9.6 mg/l Exposure time: 9 d

Toxicity to bacteria: EC50 (Photobacterium phosphoreum): 32.1 mg/l Exposure time: 0.25 h

Propan-2-ol: Toxicity to fish: LC50 (Pimephales promelas (fathead minnow)): 10,000 mg/l Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (Water flea)): > 10,000 mg/l Exp. time: 24 h

Toxicity to algae: ErC50 (Scenedesmus quadricauda (Green algae)): > 1,800 mg/l

OTHER ADVERSE EFFECTS: No further relevant information available

13. DISPOSAL CONSIDERATIONS

Disposal methods Waste from residues: Dispose of in accordance with local regulations.

Contaminated packaging: Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not burn, or use a cutting torch on, the empty drum.



SAFETY DATA SHEET

Anti-Bacterial Hand Sanitizer Gel

14. TRANSPORT INFORMATION

IMDG-Code

UN number: UN 1987
Proper shipping name: ALCOHOLS, N.O.S. (Ethanol, Propan-2-ol)
Class: 3
Packing group: III
Labels: 3
EmS Code: F-E, S-D
Marine pollutant: no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable for product as supplied.

DOMESTIC REGULATION

49 CFR

UN/ID/NA number: UN 1987
Proper shipping name: ALCOHOLS, N.O.S.
Class: 3
Packing group: III
Labels: FLAMMABLE LIQUID
ERG Code: 127
Marine pollutant: no

IATA-DGR

UN/ID No.: UN 1987
Proper shipping name: Alcohols, n.o.s. (Ethanol, Propan-2-ol)
Class: 3
Packing group: III
Labels: Flammable Liquids
Packing instruction (cargo aircraft): 366
Packing instruction (passenger aircraft): 355

*** CIC Coatings, LLC verifies that the material was supplied and shipped in the proper packages in accordance with DOT and federal regulations that are applicable to the mode of transportation selected. The shipper must verify that the packaging supplied is acceptable to be re-shipped in per the federal regulations applicable to the mode of transportation for reshipment. Regulations may change depending on mode of transportation selected.***

15. REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA 313 REPORTABLE INGREDIENTS: None

INTERNATIONAL REGULATIONS: All components are listed or exempted.

16. OTHER INFORMATION

NFPA: Health: 2 Flammability: 3 Instability: 0 Special Hazard: None

HMIS III: Health: 2 Flammability: 3 Physical Hazard: 0

MANUFACTURER DISCLAIMER: To the best of CIC Coatings, LLC knowledge, the information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.