

SAFETY DATA SHEET

Issue Date 29-Apr-2020

Revision Date 29-April-2020

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name Armchem Hand Sanitizer 70%

Other means of identification

SDS# AC- 001 - FL

Details of the supplier of the safety data sheet

Company Name GATOR CHEMICAL
2202 INDUSTRIAL BLVD
SARASOTA, FL, 34234
941-225-7657

Emergency telephone number

Emergency Telephone INFOTRAC 1-800-535-5053

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION

Flammable Liquids: Category 3

Eye Irritation: Category 2B

GHS Label Element

Hazard Pictograms



Precautionary Statements - Prevention

Keep Away from heat/sparks/open flames/hot surfaces. No Smoking. Keep container tightly closed.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Precautionary Statements – Storage

Store in well-ventilated place. Keep Cool

Precautionary Statements – Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration %	Trade Secret
Ethanol	64-17-5	70-75	
Glycerin	56-81-5	0-5	

4. FIRST AID MEASURES

First aid measures

Skin Contact	If irritation persists, wash skin with water.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If irritation persists seek medical advice or attention.
Inhalation	Remove to fresh air. Get medical attention if symptoms occur.
Ingestion	Consult a physician or poison control center immediately. Do not induce vomiting, never give anything by mouth to an unconscious person.
Note to physicians	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

High Volume water jet

Specific hazards arising from the chemical

Fire Hazard. Keep away from heat sources of ignition. Flash back possible over considerable distance. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Hazardous combustions products

Carbon Oxides

Special Protective equipment for fire fighters

Use personal protective equipment

Specific Extinguishing methods

Use water spray to cool unopened containers. Fires residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion, do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Remove all sources of ignition. Ensure clean-up is conducted by trained personnel only. Refer to protective measures in Section 7 and 8.

Environmental precautions

Do not allow contact with soil, surface or ground water.

Methods and material for containment and cleaning up

Eliminate all ignition sources if safe to do so. Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material (e.g., sand earth, diatomaceous earth, vermiculite) and place in container for disposal according to local, state, and federal regulations (See Section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with eyes. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from fire, sparks and heated surfaces. Wash hands thoroughly after handling. Use only with adequate ventilation.

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from sources of ignition. Keep out of reach of children. Temperature 0-45 degrees C

Incompatible materials

None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters.

Ingredients	CAS-No.	Form of exposure	Permissible Concentration	Basis
ETHANOL	64-17-5	TWA	1000 ppm	ACGIH STEL
ETHANOL	64-17-5	TWA	1900 mg/m3	OSHA PEL

Engineering measures	:	Good general ventilation should be sufficient to control workers exposure to airborne contamination.
Personal protection		
Eyes	:	Eye protection should be used when splashing may occur.
Hands	:	No protective equipment is needed under normal use.
Skin	:	No protective equipment is needed under normal use.
Respiratory	:	No protective equipment is needed under normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Upper/Lower flammability limits: NA

Odor: Alcoholic odor

Vapor pressure: N/A

Odor Threshold: No data available

Vapor density: N/A

ph: 5.25 typical

Relative density: No data available.

Melting point/freezing point: N/A

Solubility (ies): No data available.

Initial boiling and boiling range: N/A

Partition coefficient: n-octanol/water: No data available.

Flash point: 77 F; 25 C
 Evaporation rate: <1
 Flammability (solid, gas): No data available

Auto ignition temperature: N/A
 Decomposition temperature: No data available.
 Viscosity: N/A

10. STABILITY AND REACTIVITY

Stability	:	The product is stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction is known under conditions of normal use.
Conditions to avoid	:	Heat, flames, and sparks.
Incompatible materials	:	None known.
Hazardous decomposition products	:	Carbon oxides

11. TOXICOLOGICAL INFORMATION

Toxicity

Acute oral toxicity	:	Acute toxicity estimate: >5,000 mg/kg
Acute inhalation toxicity	:	No data available
Acute dermal toxicity	:	Acute toxicity estimate: >5,000 mg/kg
Skin corrosion/irritation	:	No data available
Serious eye damage/eye irritation	:	Mild eye irritation.
Respiratory or skin sensitization	:	No data available.

Carcinogenicity

IARC	:	No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.
OSHA	:	No ingredient of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP	:	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

12. ECOLOGICAL INFORMATION

Ecological Tests	:	Data is not available.
Environmental Impact	:	The product ingredients are expected to be safe for the environment at the concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

13. DISPOSAL CONSIDERATIONS

Disposal methods	:	The product should not be allowed to enter drains, water courses or the soil. When possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.
RCRA – Resource Conservation and Recovery Act	:	D001 (Ignitable)

14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

Shipment	Identification Number	Proper Shipping Name	Hazardous Classification	Packaging Group
US DOT	Un1170	Ethanol Solution	3	III
IATA (Air)	ID8000	CONSUMER COMMODITY	9	N/A
IMDG (Vessel)	Un1170	ETHANOL SOLUTION	3	III, LTD QTY

15. REGULATORY INFORMATION

U.S. Federal regulations

TSCA (Toxic Substances Control Act):	:	All ingredients in this product are either listed, or exempt from listing, on the TSCA Inventory.
CERCLA (Comprehensive Response Compensation, and Liability Act)	:	Not Determined
SARA Title III (Superfund Amendments and Reauthorization Act)	:	None
SARA 313 Reportable Ingredients	:	Fire Hazard Acute Health Hazard

16. OTHER INFORMATION

NFPA 704

HMIS

Health hazards 1
Flammability 3
Physical Hazards 0

Issue Date 29-Apr-2020

Revision Note 29-April-2020

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 given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in conjunction with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet