



## Safety Data Sheet for Hand Sanitizer Gel

### 1. IDENTIFICATION

Product Identifier: GermWar  
Common Names: Hand Sanitizer Gel  
Recommended Use: Hand Hygiene  
Restriction on use: Use only as directed on label.

Company: Don Joy Global  
(Address)

Emergency Telephone:

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification

Flammable Liquids: Category 2  
Signal Word: Danger  
Hazard Statement: Flammable liquid and vapor  
Hazard Pictogram:



#### 2.2 Precautionary Statement

- For external use on hands only.
- Do not inhale or ingest.
- Flammable. Keep away from fire, flame, heat or temperature above 105 degree F.
- Avoid contact with eyes or broken skin. In case of such contact, wash thoroughly with water.
- Stop use and consult with doctor if skin irritation develops.
- Keep away from Children.
- If ingested, call a doctor or Poison Control Center immediately.
- May discolor and damage certain fabrics, woods, plastics and other surfaces.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Pure substance/mixture: Mixture  
Chemical Name: Ethanol/CAS-No. – 64-17-5/Concentration (%) 60 – 100

### 4. FIRST AID MEASURES

In case of eye contact: Rinse with water  
In case of eye contact: Rinse with water  
If Swallowed: Rinse mouth first, call the doctor or get medical attention immediately.  
If inhaled: Walk outside for fresh air and get medical attention  
Most important symptoms/effects, acute and delayed: None under normal use  
Notes to Physician: Treat Symptomatically

### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: In case of fire: Use water, CO<sub>2</sub>, dry chemical, or foam for extinction.

Unsuitable Extinguishing Media: Do not use a solid water stream as it may scatter and spread fire.

Special hazard: Fumes may catch fire.

Special protective equipment for fire-fighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific hazards arising from the chemical: None

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment. Do not get in eyes, on skin, or on clothing.

Advice for emergency responders: Use personal protective equipment as required.

Methods for containment: Eliminate all sources of ignition, small spills should be flushed with large quantities of water, larger spills should be collected for disposal.

## 7. HANDLING AND STORAGE

Precaution for safe handling: Keep away from open flames, hot surfaces and sources of ignition. Use personal protection and the equipment as required. Keep container closed when not in use. Never mix spilled with original in container. Keep out of the reach of children.

Conditions for safe storage, including any incompatibilities: Keep containers tightly closed in a dry, cool, and well-ventilated place. Store in a cool/low-temperature, well-ventilated, dry place away from heat and ignition sources.

Incompatible products: None known.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	CAS-No	ACGIH TLV	OSHA PEL
Ethanol	64-17-5	STEL: 1000 ppm	TWA: 1000 ppm

\*No relevant exposure guidelines for other ingredients.

Exposure controls

Eyes: No special protection needed

Skin: No special protection needed

Hand: No special protection needed

Respiratory: No special protection needed

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Colorless Gel  
Odor: Alcohol  
Odor threshold: No Information Available

Property	Values
pH:	7.8 – 8.6
Melting point / freezing point:	No Information Available
Initial boiling point and boiling range:	181 degrees F
Flash Point:	150 degrees F
Evaporation rate:	No Information Available
Flammability (Solid, Gas):	No Information Available
Upper/Lower flammability:	No Information Available
Vapor pressure:	No Information Available
Vapor density:	No Information Available
Specific Gravity:	0.9
Solubility in Water:	No Information Available
Partition coefficient n-octanol/water:	No Information Available
Auto-ignition temperature:	No Information Available
Decomposition temperature:	No Information Available
Viscosity of Product:	No Information Available
% Ethyl Alcohol:	62% - 70%

## 10. STABILITY AND REACTIVITY

Reactivity:	None under normal use conditions
Stability:	Stable under normal conditions.
Hazardous polymerization:	Hazardous polymerization does not occur.
Hazardous Reactions:	None under normal processing.
Conditions to Avoid:	Keep away from open flames, hot surfaces and sources of ignition. Materials to avoid
Hazardous Decomposition Products:	None in particular. None under normal use.

## 11. TOXICOLOGICAL INFORMATION

Product Information  
Information on likely routes of exposure

Inhalation:	No known effect
Skin contact:	No known effect
Ingestion:	No known effect
Eye contact:	No known effect

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity:	No known effect
Skin corrosion/irritation:	No known effect
Serious eye damage/eye irritation	No known effect
Skin sensitization:	No known effect
Respiratory sensitization:	No known effect
Germ cell mutagenicity:	No known effect
Neurological Effects:	No known effect
Reproductive toxicity:	No known effect
Developmental toxicity:	No known effect

Teratogenicity:	No known effect
STOT - single exposure:	
STOT - repeated exposure:	No known effect
Target Organ Effects:	No known effect
Aspiration hazard:	No known effect

Carcinogenicity:	No known effect
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Component Information:	No known effect
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Ecotoxicity:	No known effect
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#### Component Information

Ethanol: CAS-No 64-17-5

LD50 Oral: 7,060 mg/kg

LD50 Skin: 158,000 mg/kg (Rabbit)

LC50 Inhalation: 116.9 mg/L air

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

This product is not expected to be hazardous to the environment

Persistence and degradability:	No Information Available
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Bioaccumulative potential:	No Information Available
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Mobility:	No Information Available
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Other adverse effects:	No Information Available
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## 13. DISPOSAL CONSIDERATION

### Waste treatment methods

Destroy by liquid incineration. Use absorbent material and deposit in toxic landfill in accordance with local, state, and federal regulations.

## 14. TRANSPORT INFORMATION

### DOT

UN no	UN1170
UN Proper shipping name	Ethanol solution
Description	UN1170, Ethanol solution, 3, III, Ltd. Qty.
Hazard Class	3
Packing Group	III
Special Provisions	24, B1, IB3, T2, TP1
Emergency Response Guide Number	127

### IMDG

UN Number	UN1170
UN Proper shipping name	Ethanol Solution
Description	UN1170, Ethanol solution, 3, III, Ltd. Qty.
Transport hazard class(es)	3
Packing Group	III
Special precautions for user	144, 223
EmS-No	F-E, S-D

### IATA

UN no	UN1170
UN Proper shipping name	Ethanol Solution
Description	UN1170, Ethanol solution, 3, III, Ltd. Qty.
Hazard Class	3
Packing Group	III
ERG Code	3L
Special precautions for user	A180, A3, A58
IATA comment	Can be shipped as ID8000 Consumer products

## 15. REGULATORY INFORMATION

Regulatory Overview: The regulatory data in this section is not intended to be all-inclusive, only selected regulations are represented.

All components of this material are either listed or exempt from listing on the TSCA Inventory.

**Fire:** Yes

**Sudden Release of Pressure:** No

**Reactive:** No

**Immediate (Acute):** No

**Delayed (Chronic):** No

**EPCRA 311/312 Chemicals and RQs:**

No chemicals at levels which require reporting under this statute.

**EPCRA 302 Extremely Hazardous:**

No chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

N/A

**Proposition 65 - Carcinogens (>0.0%):**

No chemicals at levels which require reporting under this statute.

**Proposition 65 - Developmental Toxins (>0.0%):**

No chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

No chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

No chemicals at levels which require reporting under this statute.

**N.J. RTK Substances (>1%):**

Ethanol

**Penn RTK Substances (>1%):**

Ethanol



## 16. OTHER INFORMATION

Highly flammable liquid and vapor and can cause serious eye irritation, and also may cause drowsiness and dizziness.

First Issuing Date: March 19,2020

Revised version can be followed soon.

Disclaimer:

The information and recommendations provided herein this Safety Date Sheet is correct to the best of our knowledge, information and belief at the date of its issuance. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in an process, unless specified in the text.

End of Documents.