

# Safety Data Sheet

## FREE HAND

### Section 1 Identification

**Trade Name:** FREE HAND  
**Product Identification:** 3662  
**Synonyms:** Ethanol Solution  
**Product Use Description:**  
Hand Sanitizer

**General Info Phone: (770) 424-7550**  
**Emergency Phone: (800) 255-3924**

**Supplier:**  
**Atco International**  
1401 Barclay Circle, SE  
Marietta, GA 30060

### Section 2 Hazards Identification

#### Classifications

Flammable liquids - Category 2

Eye Irritation - Category 2



Flammable

Irritant

**Signal Word:** Danger

#### Hazard Statements

Keep out of reach of children.  
Read label and SDS before use.  
Highly flammable liquid and vapour  
Causes serious eye irritation.

#### Precautionary Statements

##### Prevention

Wear eye protection.  
Keep away from heat, sparks, open flames and hot surfaces. – No smoking.  
Keep container tightly closed. Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/handling/ process equipment.  
Use only non-sparking tools. Take precautionary measures against static discharge.

##### Response

IF SWALLOWED: Call a poison center or doctor.  
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 attention.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.  
IN CASE OF FIRE: Use carbon dioxide, foam or dry chemical to extinguish.

##### Storage

Store in a well-ventilated place.  
Keep cool.

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### Disposal

Dispose of contents and container in accordance with all local, regional, and national regulations.

### Hazards Not Otherwise Specified

Not applicable

## Section 3 Composition

<u>Chemical Name</u>	<u>CAS #</u>	<u>Concentration</u> <u>% by Weight</u>
Ethanol	64-17-5	>=60 <= 65

## Section 4 First Aid

### EMERGENCY OVERVIEW

DANGER. Flammable. May be harmful if swallowed. Causes serious eye irritation.

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 attention.

SKIN: Rinse with water.

INGESTION: May be harmful if swallowed. Seek medical attention immediately.

INHALATION: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

## Section 5 Fire Fighting Measures

### Suitable fire extinguishing media:

Use water spray, fog or foam.

### Specific hazards arising from the chemical:

Flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Runoff to sewer may create fire or explosion hazard.

### Hazardous thermal decomposition products:

Carbon Dioxide, Carbon Monoxide

### Specific fire-fighting methods:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

### Special protective equipment for fire fighters:

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

## Section 6 Accidental Release Measures

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SDS ID: SDS02105

SDS #: 3662  
Revision #: 1

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Revision Date 06/01/2015

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### Personal precautions:

Put on appropriate personal protective equipment (see section 8)

### Environmental precautions and clean-up methods:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

## Section 7 Handling and Storage

Do not get in eyes or on clothing. Avoid breathing sprays and vapors. Keep out of reach of children.

Do not use or store near heat, sparks or open flame. Store in a cool, dry place. Ground/bond container and receiving equipment. Use explosion-proof ventilating and equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

## Section 8 Exposure Controls/Personal Protection

Ethanol  
OSHA PEL 1000 ppm

**Eye Protection:** Wear safety glasses.

**Skin Protection:** To prevent prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene).

**Respiratory Protection:** When respiratory protection is required use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

**Engineering Controls:** Good general ventilation required.

## Section 9 Physical and Chemical Properties

Property	Value		
Appearance	CLEAR LIQUID GEL	Auto Ignition Temp	NOT AVAILABLE
Boiling Point	NOT AVAILABLE	Color	COLORLESS
Decomposition Temperature	NOT AVAILABLE	Evaporation Rate	NOT AVAILABLE
Explosive Limit Ranges	NOT AVAILABLE	Explosive Properties	NOT AVAILABLE
Flash Point	70 F	Melting/Freezing Point	NOT AVAILABLE
Odor	ALCOHOL	Odor Threshold	NOT AVAILABLE
Other Information	VOC content (wt. %): 62	Oxidizing Properties	NOT AVAILABLE
Partition Coeff	NOT AVAILABLE	Physical State	LIQUID
Relative Density	0.8	Solubility (Water)	COMPLETE
Vapor Density	NOT AVAILABLE	Vapor Pressure	NOT AVAILABLE
Viscosity	> 20,000 cps	pH	7 - 8

## Section 10 Stability and Reactivity

**Reactivity : Chemical Stability :** Under normal conditions of storage and use, hazardous reactions will not occur. Stable under normal conditions.

**Incompatible Materials :** Acids and strong oxidizers

**Conditions to Avoid :** High temperatures, open flames, sparks,

**Decomposition Products:** welding. CO, CO2

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Vapors may ignite at temperatures exceeding flash point.

### Section 11 Toxicological Information

**Primary Route of Entry:** Skin contact, inhalation

**Acute/Potential Health Effects:**

**EYES:** May cause serious eye irritation. Symptoms include stinging, tearing and redness.

**SKIN:** Prolonged contact may cause slight to moderate irritation.

**INHALATION:** Overexposure may cause irritation of the respiratory tract.

**INGESTION:** May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness.

**Chronic / Long Term Effects:** None known.

**Target Organ Effects:** None known.

**Reproductive/Developmental Information:** No data.

**Carcinogenic Information:** This material is not listed as a carcinogen by IARC, NTP or OSHA.

**Acute Toxicity Values:**

Not available.

### Section 12 Ecological Information

Not available.

### Section 13 Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

### Section 14 Transport Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

**UN number** 1170

**Proper shipping name** Ethanol Solution

**Class** 3

**Packing group** II

### Section 15 Regulatory Information

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this

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material.

**Title III Section 311/312** Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic ( ) Fire (X) Pressure ( ) Reactive ( ) Not Applicable ( )

**T.S.C.A. Status:** All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

**RCRA Status:** Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s)

D001

### Section 16 Other Information

#### HMIS Ratings :

<b>HEALTH</b>	1
<b>FLAMMABILITY</b>	3
<b>REACTIVITY</b>	0
<b>PERSONAL PROTECTION</b>	A

Disclaimer: This Manufacturer believes that the information contained in the Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of the publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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