

# Safety Data Sheet

## 1. Identification

Product Identifier : Sanitizing Hand Gel 4524-312 4524-313  
Recommended Uses : Sanitizing Hand Gel  
Supplier : Home Hardware Stores Ltd.  
34 Henry Street West  
St. Jacobs, Ontario  
NOB 2N0  
Emergency Telephone : (613) 996-6666 (CANUTEC)

## 2. Hazard Identification

WHMIS 2015

Product Classifications : Flammable Liquids Category 2  
Serious Eye Damage/Eye Irritation Category 2  
Specific Target Organ Toxicity, Single Exposure Category 3

Symbols :



Signal Word : Danger

Hazard Statements : Causes serious eye irritation.  
Highly flammable liquid and vapour.  
May cause drowsiness or dizziness.

Precautionary Statements : Keep away from heat, hot surfaces, sparks, open flames and other sources of ignition. No smoking. Avoid breathing vapours.  
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 SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CONTROL CENTRE or doctor.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CONTROL CENTRE or doctor if you feel unwell.  
Store locked up. Store in a well-ventilated place. Keep cool. Dispose of contents/container according to local, provincial and federal regulations.

### 3. Composition/Information on Ingredients

Hazardous Ingredients :

Chemical Name	CAS Number	Concentration (% w/w)*
Ethanol	64-17-5	60 – 80

\* The actual concentration is withheld as a trade secret.

### 4. First Aid Measures

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 ON SKIN: If skin irritation occurs, get medical advice.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CONTROL CENTRE or doctor.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical advice if you feel unwell.

Symptoms of Acute Exposure :

Eye contact :	Redness, pain, watering.
Skin contact :	No serious or irreversible effects expected.
Ingestion :	Nausea.
Inhalation :	Dizziness and drowsiness.

### 5. Fire Fighting Measures

Suitable Extinguishing Media :

As for surrounding fire. Suitable materials include water spray, dry chemical, carbon dioxide, and alcohol-resistant foam.

Unsuitable Extinguishing Media :

Do not use direct water jet.

Specific Hazards and Combustion Products :

Flammable liquid and vapour. Vapours may travel considerable distance to a source of ignition and flash back. If in a fire or heated, container may experience a pressure rise and rupture. During fire, gases hazardous to health may be formed. Combustion products include oxides of carbon.

Protective Equipment and Precautions for Firefighters :

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Move containers from fire area if possible without risk. Keep containers cool with water spray. Collect contaminated fire extinguishing water and other media separately.

## 6. Accidental Release Measures

- Personal Precautions :** Immediately evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Eliminate sources of ignition. Do not breathe vapour. Provide adequate ventilation. Wear appropriate personal protective equipment (See Section 8: Exposure controls / Personal protection). Only trained and properly protected personnel must be involved in clean-up operations. Material may create slippery conditions.
- Containment and Clean Up :** Stop leak if it is safe to do so. Dike spilled material, where possible. Absorb with suitable inert dry material such as absorbent clay and place into closed containers for disposal. Use only non-sparking tools. Avoid dispersal of spilled material or contact with soil or entry into waterways, sewers and drains. Dispose of contents/containers according to local, provincial, and federal regulations. Following product recovery, flush area with water.

## 7. Handling and Storage

- Handling :** Avoid contact with eyes. Use personal protective equipment as required (See Section 8: Exposure controls / Personal protection). Wash thoroughly after handling. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Storage :** Keep away from incompatible materials (See Section 10: Stability and Reactivity). Keep away from oxidizing agents and heat. Store in a cool, dry, well-ventilated place. Keep container tightly closed when not in use. Store locked up.

## 8. Exposure Controls/Personal Protection

Control Parameters :

Chemical Name	CAS Number	Value type	Permissible Concentration	Basis
Ethanol	64-17-5	TLV-TWA	1000 ppm	ACGIH

- Engineering Controls :** Ensure adequate ventilation.
- Personal Protection :**
- Eye/Face :** Wear safety glasses when handling bulk quantities.
  - Skin :** Not applicable.
  - Respiratory :** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
  - Other :** Not applicable.

## 9. Physical and Chemical Properties

Appearance :	Clear, thick green liquid
Odour :	Alcohol
Odour Threshold :	Not available
pH :	6.0 – 8.0
Freezing Point :	Not available
Boiling Point :	Not available
Flash Point :	19°C
Evaporation Rate :	Not available
Flammability (solids and gases) :	Not applicable
Lower Flammability Limit :	Not available
Upper Flammability Limit :	Not available
Vapour Pressure :	Not available
Vapour Density :	Not available
Relative Density :	0.88
Solubility :	Complete in water
Partition Coefficient :	Not available
Auto-ignition Temperature :	Not available
Decomposition Temperature :	Not available
Viscosity :	7,000 – 17,000 cPs

## 10. Stability and Reactivity

Reactivity :	With incompatible materials.
Chemical stability :	Chemically stable.
Hazardous reactions :	With incompatible materials. Polymerization not expected to occur.
Conditions to avoid :	Avoid incompatible materials. Avoid static discharge. Avoid heating or elevated temperatures.
Incompatible materials :	Oxidizing agents.
Hazardous decomposition products :	Not applicable.

## 11. Toxicological Information

Routes of Exposure :	
Eye contact :	Causes serious eye irritation.
Skin contact :	Prolonged contact may cause skin irritation.
Ingestion :	May cause irritation to mouth, throat and stomach.
Inhalation :	May cause irritation to nose, throat and respiratory tract.
Symptoms of Acute Exposure :	
Eye contact :	Redness, pain, watering.
Skin contact :	No serious or irreversible effects expected.
Ingestion :	Nausea.
Inhalation :	Dizziness and drowsiness.

Chronic Effects : None known.

Calculated Acute Toxicity Estimates

Oral : >10,000 mg/kg  
Dermal : >10,000 mg/kg  
Inhalation : Not available

## 12. Ecological Information

Not available.

## 13. Disposal Considerations

Dispose of contents/container according to local, provincial and federal regulations.

## 14. Transportation Information

For transportation by road or rail :

TDG Classification :	UN Number:	1170
	Shipping Name :	ETHANOL SOLUTION
	Class :	3
	Subclass :	none
	Packing Group :	II
	Limited Quantity :	1L or less

## 15. Regulatory Information

Not available.

## 16. Other Information

SDS Revision Date : June 12, 2020