

# Material Safety Data Sheet

ALPHASAN HAND SANITIZER



## Section 1. Chemical product and company identification

**Trade name** : ALPHASAN HAND SANITIZER  
**Product use** : Skin antiseptic  
**Supplier** : SSDC  
4050 Corporate Dr., #100  
Grapevine, TX 76051  
1-800-532-7732 (Customer Service)  
**Code** : 924681-14  
**Date of issue** : 08-May-2008  
**EMERGENCY HEALTH INFORMATION**: 1-800-535-5053

## Section 2. Composition, information on ingredients

Name	CAS number	% by weight
ethanol	64-17-5	>50
propan-2-ol	67-63-0	5 - 20

## Section 3. Hazards identification

**Physical state** : Liquid, [Gel]  
**Emergency overview** : WARNING!  
FLAMMABLE LIQUID AND VAPOR.  
MAY CAUSE EYE IRRITATION.

### Potential acute health effects

**Eyes** : Slightly irritating to the eyes.  
**Skin** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.  
**See toxicological information (section 11)**

## Section 4. First aid measures

**Eye contact** : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and flush again. Get medical attention if irritation persists.  
**Skin contact** : In case of contact, immediately flush skin with plenty of water. Wash clothing before reuse.  
**Inhalation** : If inhaled, remove to fresh air.  
**Ingestion** : Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation persists, get medical attention.

## Section 5. Fire fighting measures

**Flash point** : 22,222 °C (Closed cup)  
**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
**Fire-fighting media and instructions** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.  
Use water spray to keep fire-exposed containers cool. Dike area of fire to prevent runoff.  
Flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

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**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 positive pressure mode.

## Section 6. Accidental release measures

**Personal precautions** : No special measures required.  
**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.  
**Methods for cleaning up** : For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal.

## Section 7. Handling and storage

**Handling** : Avoid contact with eyes. Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Wash thoroughly after handling.  
**Storage** : Keep out of reach of children. Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).  
Do not store above the following temperature: 25°C

## Section 8. Exposure controls/personal protection

**Engineering measures** : No special ventilation requirements.

### Personal protection :

**Eyes** : No protective equipment is needed under normal use conditions.  
**Hands** : No protective equipment is needed under normal use conditions.  
**Skin** : No protective equipment is needed under normal use conditions.  
**Respiratory** : A respirator is not needed under normal and intended conditions of product use.

### Exposure limits

**ACGIH TLV (United States, 1/2007)**.  
TWA: 1880 mg/m<sup>3</sup> 8 hour(s).  
TWA: 1000 ppm 8 hour(s).  
**OSHA PEL (United States, 11/2006)**.  
TWA: 1900 mg/m<sup>3</sup> 8 hour(s).  
TWA: 1000 ppm 8 hour(s).  
**NIOSH REL (United States, 12/2001)**.  
TWA: 1900 mg/m<sup>3</sup> 10 hour(s).  
TWA: 1000 ppm 10 hour(s).  
**ACGIH TLV (United States, 1/2007)**.  
STEL: 400 ppm 15 minute(s).  
TWA: 200 ppm 8 hour(s).  
**OSHA PEL (United States, 11/2006)**.  
TWA: 980 mg/m<sup>3</sup> 8 hour(s).  
TWA: 400 ppm 8 hour(s).

propan-2-ol

## Section 9. Physical and chemical properties

**Physical state** : Liquid, [Gel]  
**Color** : Colorless.  
**Odor** : Alcohol-like.  
**pH** : 7.5 to 0 [Conc. (% w/w): 100%]  
**Specific gravity** : 0.9