

Hand Sanitizer	MATERIAL SAFETY DATA SHEET SDS/MSDS – Finished Product
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SECTION 1: Identification of the substance/ mixture and of the company/ undertaking

1.1 *Product identifier*

Product name: Hand Sanitizer

Product Form: Alcohol Solution

1.2 *Relevant identified uses of the substance or mixture and uses advised against*

Identified uses: Wipe out germs and leaves hand clean.

1.3 *Details of the supplier of the safety data sheet*

Company:

Telephone:

SECTION 2: Hazards identification

2.1 *Emergency overview*

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable instruction use. Additional information on toxicological endpoints is available from the supplier upon request.

Immediate or long -term health hazards, however, abnormal routes, such as gross ingestion, may require immediate medical attention.

2.2 *Potential health effects*

Eye: Contact may cause mild, transient irritation. Some redness and / or stinging may occur.

Skin: Not expected to be irritating, sensitizing, photoallergenic or phototoxic when used s intended. If irritation occurs following intended use or prolonged contact it is expected to e mild and transient.

Inhalation: Not expected to be irritating to the respiration system. Not

volatile therefore limited inhalation exposure anticipated.

Ingestion: Product used as intended is not expected to cause gastrointestinal irritation. Accidental ingestion of undiluted product may cause mild gastrointestinal irritation with nausea, vomiting diarrhea.

Carcinogenicity: Not listed as a carcinogen by NTP, IRAC, OSHA or ACGIH.

SECTION 3: Composition/ Information on Ingredients

The complete ingredients list of Pink Cupcake Soap With L00fah for the finished product(s) is as follows:

Product Photo:

No.	Component (INCI name):	CAS NO.	C I NO.	Concentration, % (wt./wt.)
1)	Alcohol 乙醇	64-17-5		75.000000
2)	Water 水	7732-18-5		20.200000
3)	Glycerin 甘油	56-81-5		3.000000
4)	Propylene Glycol 丙二醇	57-55-6		1.000000
5)	Carbomer 卡波姆	9007-16-3		0.400000
6)	Aminomethyl Propanol 氨甲基丙醇	124-68-5		0.400000
7)				
8)				
			Total	100

SECTION 4: First aid Measures

4.1 Description of first aid measures

General advice: Consult a physician. Shown this safety data sheet to the doctor in attendance.

If inhaled: Not applicable.

In case of skin contact: Not applicable.

In case of eye contact: Rinse thoroughly with plenty of water for at 15-20 minutes and consult a physician.

If swallowed: **DO NOT** induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

4.2 The most important known symptoms and effects are described in the labelling and / or in section 11 (toxicological information).

4.3 Indication of any immediate medical attention and special treatment needed
No data available.

SECTION 5: Firefighting Measures

5.1 Fire hazards/conditions of flammability: Flammable liquid and vapour

5.2 Flammability classification (OSHA 29 CFR 1910.1200): Flammable Liquid Class 1C.

5.3 Oxidizing properties: None known.

5.4 Explosion data: Sensitivity to mechanical impact / static discharge: Not expected to be sensitive to mechanical impact or static discharge.

5.5 Suitable extinguishing media: Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

5.6 Special fire-fighting procedures/equipment: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if safe to do so.

5.7 Hazardous combustion products: Toxic fumes, gases or vapours may evolve on burning.

	0 - Minimal	1 - Slight	2 - Moderate	3 - Serious
5.8 NFPA Rating:	Health: 1	Flammability: 3	Instability: 0	Special Hazards: None

SECTION 6: Accidental Release Measures

6.1 Personal precautions:

Restrict access to area until completion of clean-up. Keep all other personnel upwind and away from the spill/release. Individuals involved in the cleanup must wear appropriate personal protective equipment. Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions:

Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

6.3 Spill response/cleanup:

Ventilate area of release. Stop the spill at source if it is safe to do so. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13). Notify the appropriate authorities as required.

6.4 Prohibited materials:

None known.

6.5 Special spill response procedures:

If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone:1-800-424-8802).

US CERCLA Reportable quantity (RQ): None reported.

SECTION 7: Handling and Storage

7.1 Safe Handling procedures:

Use only in well-ventilated areas. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid contact with incompatible materials. Keep container tightly closed when not in use. Wash thoroughly after handling.

7.2 Storage requirements:

Store in a cool, dry, well ventilated area, away from heat and ignition sources. Store away from incompatibles and out of direct sunlight. No smoking in the area. Inspect periodically for damage or leaks.

7.3 Incompatible materials:

Hydrogen peroxide;Alkali metals;Strong oxidizing agents;Acids.

7.4 Special packaging materials

Always keep in containers made of the same materials as the supply container.

SECTION 8: Exposure Controls/ Personal Protection

<u>Exposure Limits</u>		
	<u>ACGIH TLV</u>	<u>OSHA PEL</u>

<u>Ingredients</u>	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Ethanol	N/Av	1000 ppm	1000 ppm;1900 mg/m ³	N/Av

8.1 Ventilation and engineering measures:

Do not use in closed or confined space. Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.

8.2 Respiratory protection:

Not required under normal conditions of handling.

8.3 Skin protection:

Not required under normal conditions of handling.

8.4 Eye / face protection:

Safety goggles or glasses as appropriate for the job.

8.5 Other protective equipment:

An eyewash station and safety shower should be made available in the immediate working area. Depending on conditions of use, an impervious apron should be worn. Remove and wash contaminated clothing before re-use.

8.6 General hygiene considerations:

Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.

SECTION 9: Physical and Chemical Properties

Physical state:	Gel	Appearance:	Transparent
Odor:	odorless	Odor threshold:	N/Av
pH:	6.5-8.0	Viscosity:	5000-15000 cPs
Boiling point:	N/Av	Specific gravity:	0.85-0.95 g/ml
Melting/Freezing point:	N/Av	Coefficient of water/oil distribution:	N/Av
Vapour pressure (mmHg @ 20°C / 68°F):	N/Av	Solubility in water:	Soluble
Vapour density (Air = 1) :	N/Av	Evaporation rate (n-Butyl acetate = 1):	N/Av
Volatile organic Compounds (VOC's):	N/Av	Volatiles (% by weight):	N/Av

Flash point:	30.2°C	Auto-ignition temperature:	N/Av
Flash point Method:	Pensky Martens Closed Cup	Upper flammable limit (% by vol.):	N/Av
Lower flammable limit (% by vol.):	N/Av	Flashback observed:	N/Ap
Flame Projection Length:	N/Ap	Absolute pressure of container:	N/Ap

SECTION 10: Stability and Reactivity

Stability and reactivity:	Stable under recommended storage conditions.
Hazardous polymerization:	Hazardous polymerisation does not occur.
Conditions to avoid:	Keep out of direct sunlight. Keep away from excessive heat, open flames, sparks and other possible sources of ignition. Do not use in areas without adequate ventilation.
Materials To Avoid And Incompatibility:	See Section 7 (Handling and Storage) for further details.
Hazardous decomposition products:	Refer to Section 5 for additional 'Hazardous combustion products'.

SECTION 11: Toxicological Information

Target organs:	Eyes, skin and digestive system.		
Routes of exposure:	Inhalation: YES	Skin Absorption: NO	Skin & Eyes: YES
	Ingestion: YES		
Toxicological data:	There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.		

<u>Ingredients</u>	LC ₅₀ (4hr)	LD ₅₀	
	<u>Inh, rat</u>	<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Ethanol	>32380 ppm	7060 mg/kg	>15800 mg/kg

Carcinogenic status:	No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP. Note that this product contains ethanol, a confirmed animal carcinogen (A3) by the ACGIH and human carcinogen (Group 1) by the IARC; however, this is only applicable when the chemical is present in alcoholic beverages.
Reproductive effects:	Not expected to cause reproductive effects.
Teratogenicity:	Not expected to be a teratogen.
Mutagenicity:	Not expected to be mutagenic in humans. Ethanol has been shown to cause mutagenic effects but at extremely high oral doses, which are not applicable in an occupational setting.
Epidemiology:	Not available.
Sensitization to material:	Not expected to be a skin or respiratory sensitizer.
Synergistic materials:	N/Av
Irritancy:	May cause eye and skin irritation. May cause gastrointestinal irritation.
other important hazards:	None known.
Conditions aggravated by overexposure:	Pre-existing skin, eye and respiratory disorders.

SECTION 12: Ecological Information

Ecotoxicity:	The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters. The acute toxicity of Ethanol is (IUCLID): Toxicity to fish: LC50/96h/Pimephales promelas (Fathead minnow) = 14.2 - 15.3 mg/L Toxicity to invertebrates EC50/48h/Daphnia magna (Water flea) = 9268 - 14221 mg/L
Mobility:	No data is available on the product itself.
Persistence:	The active ingredient is readily biodegradable.
Bioaccumulation potential:	No data is available on the product itself.
Other Adverse Environmental effects:	No data is available on the product itself.



SECTION 13: Disposal Considerations

Handling for Disposal: Handle waste according to recommendations in Section 7.

Methods of Disposal: Improper disposal can cause damage to the environment. Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

RCRA: It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14: Transport Information

Regulatory Information	UN Number	Shipping Name	Class	Packing Group	Label
49CFR/DOT	UN1170	ETHANOL SOLUTION	3	III	
49CFR/DOT Additional information	Domestic US ground shipments may be shipped as Consumer Commodity, ORM-D. Refer to 49 CFR Section 173.150.				
TDG	UN1170	ETHANOL SOLUTION	3	III	
TDG Additional information	This product may be shipped by ground within Canada as a Limited Quantity or Consumer Commodity. Under the TDGR, refer to Section 1.17 for additional exemption information, if shipping under this exemption. Under the TDGR, refer to Section 1.17 for additional exemption information, if shipping under this exemption.				

SECTION 15: Regulatory Information

US Federal Information:

TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

CERCLA Reportable Quantity (RQ) (40 CFR 117.302): None reported.

SARA TITLE III: Sec. 302, Extremely Hazardous Substances, 40 CFR 355: No Extremely Hazardous Substances are present in this material.

SARA TITLE III: Sec. 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes: Fire Hazard; Acute Health Hazard. Chronic Health Hazard. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances

and 10,000 pounds for all other hazardous chemicals.

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: This material is not subject to SARA notification requirements, since it does not contain any Toxic Chemical constituents above de minimus concentrations.

US State Right to Know Laws:

California Proposition 65: This product does contain ethyl alcohol, which is known to the State of California to cause developmental harm; however, this is only applicable when the chemical is present in alcoholic beverages.

Other U.S. State "Right to Know" Lists: The following chemicals are specifically listed by individual States: Ethanol (MA, MN, NJ, CA, PA, RI).

International Information:

WHMIS information: Refer to Section 2 for a WHMIS Classification for this product.

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

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This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and this MSDS contains all the information required by the CPR.

SECTION 16: Other Information

HMIS Rating:	*- Chronic hazard	0 - Minimal	1 - Slight	2 - Moderate	3 - Serious
	Health: 1	Flammability: 3	Reactivity: 0		

Legend: ACGIH: American Conference of Governmental Industrial Hygienists

CA: California

CAS: Chemical Abstract Services

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980

CFR: Code of Federal Regulations

CNS: Central Nervous System

DOT: Department of Transportation

HMIS: Hazardous Materials Identification System

HSDB: Hazardous Substances Data Bank

IARC: International Agency for Research on Cancer

Inh: Inhalation

LC: Lethal Concentration

LD: Lethal Dose

MA: Massachusetts

MN: Minnesota

MSHA: Mine Safety and Health Administration

N/Ap: Not Applicable

N/Av: Not Available

NFPA: National Fire Protection Association

NIOSH: National Institute of Occupational Safety and Health

NJ: New Jersey

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration