

Material Safety Data Sheet



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Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product ID:	96229749
Product Name	Fekkai Sheer Hold Spray
Product Type	Finished Product - Professional Use Only
Recommended use	Personal Beauty Care Product
Uses advised against	All other uses
Synonyms	No information available
Manufacturer	The Procter & Gamble Company Sharon Woods Innovation Center 11510 Reed Hartman Highway Cincinnati OH 45202
E-mail Address	pgsds.im@pg.com
Emergency telephone	Transportation (24 HR) CHEMTREC - 1-800-424-9300 (U.S./ Canada) or 1-703-527-3887 Mexico toll free in country: 01-800-681-9531

2. HAZARDS IDENTIFICATION

Emergency Overview

Extremely flammable

OSHA Regulatory Status	When used in a professional setting (at a much higher frequency and duration than a typical consumer) this material would be considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
WHMIS	Not subject to WHMIS classification
Principle Routes of Exposure	Inhalation.
General Hazards	This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Ethanol	64-17-5	30 - 60
Ethane, 1,1-difluoro-	75-37-6	15 - 40
Dimethyl ether	115-10-6	1 - 5

4. FIRST AID MEASURES

General advice	No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If symptoms persist, call a physician.
Skin contact	If skin problems occur, discontinue use. If symptoms persist, call a physician.
Ingestion	Clean mouth with water and afterwards drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.
Inhalation	Move to fresh air.
Protection of First-aiders	Use personal protective equipment. Remove all sources of ignition.
Most important symptoms/effects, acute and delayed	None known.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Extremely flammable aerosol.
Flash Point	Aerosol - Not applicable
Suitable Extinguishing Media	Dry chemical, CO ₂ , water spray or alcohol-resistant foam.
Extinguishing media which shall not be used for safety reasons	No information available
Special Hazard	Extremely flammable The release of the following substances is possible in a fire: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke) Nitrous oxides Containers may explode when heated Hazardous decomposition products formed under fire conditions In case aerosols burst, (extremely) flammable propellants will be released with possible risk of explosion May form explosive mixtures with air
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation. Avoid contact with skin, eyes and inhalation of vapors.
Advice for emergency responders	Use personal protective equipment.
Environmental precautions	Household: Do not discharge product into natural waters without pre-treatment or adequate dilution. Non-household: Should not be released into the environment.
Methods for Containment	Non-household: Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
Methods for Cleaning up	Non-household: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Use non-sparking tools and equipment. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Do not puncture or incinerate cans.

7. HANDLING AND STORAGE

Advice on safe handling	Keep out of the reach of children. Observe label precautions. Keep away from open flames, hot surfaces and sources of ignition. Avoid breathing vapors or mists.
Technical measures/Storage conditions	Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep away from direct sunlight.
Aerosol Classification Level	1

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines	Exposure guidelines are not relevant when product is used as intended in a household setting.
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Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	P&G OEL	Mexico OEL
Ethanol	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m³	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m³		Mexico: TWA 1000 ppm Mexico: TWA 1900 mg/m³
Component	Alberta	Quebec	Ontario TWAEV	British Columbia	
Ethanol 64-17-5 (48.0138)		TWA: 1000 ppm TWA: 1880 mg/m³	STEL: 1000 ppm	STEL: 1000 ppm	
Methane, 1,1'-oxybis- 115-10-6 (4.8)				TWA: 1000 ppm	

Engineering Measures	Not applicable.
Personal Protective Equipment	
Eye Protection	No special protective equipment required.
Hand Protection	No special protective equipment required.

Skin and body protection	No special protective equipment required.
Respiratory protection	Maintain adequate ventilation
Thermal hazards	Not applicable.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors, mist or gas.
Environmental Exposure Controls	See Section 6.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C	Aerosol, liquid
Appearance	Aerosol Container - Liquid.
Odor	Perfume

<u>Property</u>	<u>Values</u>	<u>Note</u>
pH VALUE	Not applicable	
Melting/freezing point	No information available	
Boiling point/boiling range	Not applicable	
Flash Point	Aerosol - Not applicable	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
upper flammability limit	No information available	
lower flammability limit	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Relative density	No information available	
Water solubility	No information available	
Solubility in other solvents	No information available	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No information available	.
Decomposition temperature	No information available	.
Viscosity of Product	No information available	
Bulk Density	No information available	

Chemical Name	Partition Coefficient (n-octanol/water)
Ethanol	-0.32
Dimethyl ether	-0.18

VOC Content	Products comply with US state and federal regulations for VOC content in consumer products.
Oxidizing Properties	Not applicable

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. Extremes of temperature and direct sunlight.
Materials to Avoid	Strong oxidizing agents.
Hazardous Decomposition Products	None under normal use.

11. TOXICOLOGICAL INFORMATION

Product Information

Acute toxicity

Principle Routes of Exposure	Inhalation.
Inhalation	Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.
Skin contact	No known effect based on information supplied.
Ingestion	No known effect based on information supplied.
Eye contact	No known effect based on information supplied.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethanol	= 7060 mg/kg (Rat)	-	= 124.7 mg/L (Rat) 4 h
Dimethyl ether	-	-	= 308.5 mg/L (Rat) 4 h

Chronic Toxicity

Corrosivity	No known effect.
Sensitization	No known effect.
Neurological Effects	No known effect.
Reproductive toxicity	The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.
Mutagenic Effects	There are no known mutagenic chemicals in this product.
Developmental Toxicity	No known effect.
Teratogenicity	No known effect.
Carcinogenicity	Contains no ingredients above reportable quantities listed as a carcinogen.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Acute toxicity

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates	Toxicity to other organisms
Ethanol	-	LC50 96 h 12.0 - 16.0 mL/L Oncorhynchus mykiss static LC50 96 h > 100 mg/L Pimephales promelas static LC50 96 h 13400 - 15100 mg/L Pimephales promelas flow-through	-	LC50 48 h 9268 - 14221 mg/L Daphnia magna EC50 24 h = 10800 mg/L Daphnia magna EC50 48 h = 2 mg/L Daphnia magna Static	-

Persistence and degradability No information available.

Bioaccumulative potential No information available.

Mobility No information available.

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste from Residues / Unused Products **Household:** Do not discharge product into natural waters without pre-treatment or adequate dilution. **Non-household:** Should not be released into the environment. Dispose of in accordance with local regulations.

Contaminated packaging Dispose of in accordance with local regulations.

California Hazardous Waste Codes (non-household setting) 331

Other disposal recommendations **Non-household:** Products covered by this MSDS, in their original form, when disposed from a commercial facility as waste, are ignitable hazardous waste, D001, according to Federal RCRA regulations(40 CFR 261). Disposal should be in accordance with Local, State and Federal regulations. Aerosol cans, when disposed as waste, are regulated as D003 reactive hazardous waste in some States because of their potential to explode when heated. Check with your State environmental agency for guidance

14. TRANSPORT INFORMATION

DOT

UN/ID No	UN1950
Proper shipping name	Aerosols, flammable
Hazard class	2.1
Description	UN1950, Aerosols, flammable, 2.1, Ltd. Qty.
Emergency Response Guide Number	126

TDG

UN/ID No	UN1950
Proper shipping name	Aerosols
Hazard class	2.1
Description	UN1950, Aerosols, 2.1, Ltd. Qty.

MEX

UN/ID No	UN1950
Proper shipping name	Aerosols
Hazard class	2.1
Description	UN1950, Aerosols, 2.1, Ltd. Qty.

IATA

UN/ID No	UN1950
Proper shipping name	Aerosols, flammable
Hazard class	2.1
ERG Code	10L
Description	UN1950, Aerosols, flammable, 2.1, Ltd. Qty. Can also be shipped: ID8000, Consumer Commodity

ICAO

UN/ID No	UN1950
Proper shipping name	Aerosols
Hazard class	2.1
Description	UN1950, Aerosols, 2.1, Ltd. Qty. Can also be shipped: ID8000, Consumer Commodity

IMDG/IMO

UN/ID No	UN1950
Proper shipping name	Aerosols
Hazard class	2
EmS No.	F-D, S-U
Description	UN1950, Aerosols, 2.1, Ltd. Qty.

15. REGULATORY INFORMATION**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	yes
Sudden Release of Pressure Hazard	yes
Reactive Hazard	No

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Food and Drug Administration (FDA)

The product described in this Material Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature (where applicable).

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following substance(s) which are either listed as hazardous air pollutants (HAPS) or VOC's per the Clean Air Act:

Chemical Name	Volatile Organic Compounds	CAA (Clean Air Act) - 1990 Hazardous Air Pollutants
Ethanol	Present	-
Ethane, 1,1-difluoro-	Present	-
Dimethyl ether	Present	-
2-Methylpropan-2-ol	Present	-
Dipropylene Glycol	Present	-

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

U.S. State Regulations**California Proposition 65**

This product is not subject to warning labeling under California Proposition 65

Chemical Name	New Jersey
Ethanol	X
Ethane, 1,1-difluoro-	X
Dimethyl ether	X

Chemical Name	Massachusetts
Ethanol	X
Ethane, 1,1-difluoro-	X
Dimethyl ether	X

Chemical Name	Pennsylvania
Ethanol	X
Dimethyl ether	X
2-Methylpropan-2-ol	X

Chemical Name	Rhode Island
Ethanol	X
Dimethyl ether	X

International Regulations**Canada****WHMIS Hazard Class**

Not subject to WHMIS classification

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR. This product is regulated by the Food and Drug Administration of Health Canada and is therefore exempt from the requirements of CEPA.

International Inventories**TSCA**

Product is a personal care product and regulated under FDA

DSL

Exempt

NDSL

Exempt

Perfumes contained with the products comply with appropriate IFRA guidance.

Legend**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**16. OTHER INFORMATION****Issuing Date:** 07-Mar-2013**Revision Date:** 07-Mar-2013**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. 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 a 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 any process, unless specified in the text

End of MSDS