Material Safety Data Sheet

Issuing Date: 26-Sep-2012 **Revision Date:** 26-Sep-2012 **Version** 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product ID: 99950268

Product Name Sebastian Shine Shaker

Product Type Finished Product - Consumer (Retail) and Professional Use

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
Flammable

OSHA Regulatory Status Consumer Products as defined by the U.S. Consumer Product Safety Act which are used as intended (typical consumer duration and frequency) are exempt from the OSHA Hazard Communication Standard. While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

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 %
Butane	106-97-8	15 - 40
Disiloxane, 1,1,1,3,3,3-hexamethyl-	107-46-0	10 - 30
Isobutane	75-28-5	5 - 10
Ethanol	64-17-5	5 - 10
Propane	74-98-6	1 - 5
n-Pentane	109-66-0	0.1 - 1
Methane	74-82-8	0.1 - 1
Ethane	74-84-0	0.1 - 1

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. If symptoms persist, call a physician. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.

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.

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 Flammable aerosol.

Flash Point -3 °C / 27 °F
Method Aerosol Closed cup

Suitable Extinguishing Media Dry chemical, CO_2, water spray or alcohol-resistant foam.

Unsuitable Extinguishing Media **Non-household:** Do not use a solid water stream as it may scatter and spread fire.

Special Hazard

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
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

Remove all sources of ignition. Ensure adequate ventilation.

Advice for emergency responders

Use personal protective equipment.

Environmental precautions

Should not be released into the environment.

Methods for Containment

No information available.

Methods for Cleaning up

No information available.

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 container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep away from direct sunlight.

Aerosol Classification Level

3

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	P&G OEL	Mexico OEL
Butane	TWA: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m^3	TWA: 800 ppm TWA: 1900 mg/m^3		Mexico: TWA 800 ppm Mexico: TWA 1900 mg/m^3
Isobutane	TWA: 1000 ppm	-	TWA: 800 ppm TWA: 1900 mg/m^3		-
Ethanol	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m^3 (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m^3	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m^3		Mexico: TWA 1000 ppm Mexico: TWA 1900 mg/m^3
Propane	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m^3 (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m^3	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m^3		-

n-Pentane	TWA: 600 ppm	TWA: 1000 ppm TWA: 2950 mg/m³ (vacated) TWA: 600 ppm (vacated) TWA: 1800 mg/m³ (vacated) STEL: 750 ppm (vacated) STEL: 2250 mg/m³	IDLH: 1500 ppm Ceiling: 610 ppm 15 min Ceiling: 1800 mg/m³ 15 min TWA: 120 ppm TWA: 350 mg/m³		Mexico: TWA 600 ppm Mexico: TWA 1800 mg/m³ Mexico: STEL 760 ppm Mexico: STEL 2250 mg/m³
Methane	TWA: 1000 ppm	-			-
Ethane	TWA: 1000 ppm	-			-

Chemical Name	Alberta	Quebec	Ontario TWAEV	British Columbia
Butane	TWA: 1000 ppm	TWA: 800 ppm TWA: 1900 mg/m³	TWA: 800 ppm TWA: 1000 ppm	TWA: 600 ppm TWA: 1000 ppm STEL: 750 ppm
Isobutane			TWA: 800 ppm TWA: 1000 ppm	TWA: 1000 ppm
Ethanol	TWA: 1000 ppm TWA: 1880 mg/m³	TWA: 1000 ppm TWA: 1880 mg/m³	STEL: 1000 ppm	STEL: 1000 ppm
Propane	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m³	TWA: 1000 ppm	TWA: 1000 ppm
n-Pentane	TWA: 600 ppm TWA: 1770 mg/m³	TWA: 120 ppm TWA: 350 mg/m³	TWA: 600 ppm TWA: 1770 mg/m³ STEL: 750 ppm STEL: 2210 mg/m³	TWA: 600 ppm
Methane			TWA: 1000 ppm	TWA: 1000 ppm
Ethane	TWA: 1000 ppm		TWA: 1000 ppm	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 Avoid breathing vapors, mist or gas.

Thermal hazards Not applicable.

Hygiene measures Avoid breathing vapors, mist or gas. When using, do not eat, drink or smoke.

Environmental Exposure Controls See Section 6.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C Aerosol
Appearance clear.
Odor Pleasant

Property	Values	Note
pH VALUE	No information available	
Melting/freezing point	No information available	
Boiling point/boiling range	No information available	
Flash Point	-3 °C / 27 °F	Aerosol Closed cup
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	log Pow
Butane	2.89
Disiloxane, 1,1,1,3,3,3-hexamethyl-	4.2
Isobutane	2.88
Ethanol	-0.32
Propane	2.3
n-Pentane	3.39
Ethane	<=2.8
Octamethylcyclotetrasiloxane	5.1

Oxidizing Properties No information available

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
Butane	-	-	658 mg/L (Rat) 4 h
Disiloxane, 1,1,1,3,3,3-hexamethyl-	5000 mg/kg (Rat)	16 mL/kg (Rabbit)	48 mg/L (Rat) 1 h
Isobutane	-	-	658 mg/L (Rat) 4 h
Ethanol	7060 mg/kg (Rat)	-	124.7 mg/L (Rat) 4 h
Propane	-	-	658 mg/L (Rat) 4 h
n-Pentane	2000 mg/kg (Rat)	3000 mg/kg (Rabbit)	364 g/m^3 (Rat) 4 h
Ethane	-	-	658 mg/L (Rat) 4 h
Octamethylcyclotetrasiloxane	1540 mg/kg (Rat)	4640 mg/kg (Rabbit) 794 µL/kg (Rabbit) 2400 mg/kg (Rat)	12.7 mg/kg (Rat) 4 h 17.6 mg/L (Rat) 1 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
Disiloxane, 1,1,1,3,3,3-hexamethyl-	-	LC50 96 h = 3.02 mg/L Oncorhynchus mykiss flow-through	-	EC50 24 h = 314 mg/L Daphnia magna	-
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	-
n-Pentane	-	LC50 96 h = 9.87 mg/L Oncorhynchus mykiss LC50 96 h = 11.59 mg/L Pimephales promelas LC50 96 h = 9.99 mg/L Lepomis macrochirus	-	EC50 48 h = 9.74 mg/L Daphnia magna	-
Octamethylcyclotetrasiloxane	-	LC50 96 h > 500 mg/L Brachydanio rerio LC50 96 h > 1000 mg/L Lepomis macrochirus	-	EC50 24 h = 25.2 mg/L Daphnia magna	-

Persistence and degradability No information available.

Bioaccumulative potential No information available.

Chemical Name	Bioconcentration factor (BCF)
Disiloxane, 1,1,1,3,3,3-hexamethyl-	1300
Isobutane	1.57 - 1.97
Octamethylcyclotetrasiloxane	12400

Mobility No information available.

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste from Residues / Unused Products	Dispose of in accordance with local regulations.
Contaminated packaging	Dispose of in accordance with local regulations.
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
Hazard class	2.1
Description	UN1950, Aerosols, 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, MARINE POLLUTANT, Ltd. Qty.

MEX

UN/ID No	UN1950
Proper shipping name	Aerosols
Hazard class	2.1
Description	UN1950, Aerosols, 2.1, MARINE POLLUTANT, 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.
IATA comment	Can also be shipped as ID8000 Consumer Commodity

ICAO

UN/ID No	UN1950
Proper shipping name	Aerosols
Hazard class	2.1
Description	UN1950, Aerosols, 2.1, Ltd. Qty.
ICAO Comment	Can also be shipped as 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, MARINE POLLUTANT, 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	no
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	-
n-Pentane	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 contains the following Proposition 65 chemicals:

Chemical Name	CAS-No	California Prop. 65
Ethanol	64-17-5	Carcinogen Developmental

Ethanol is only a considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

U.S. State Regulations

Chemical Name	New Jersey
Butane	X
Isobutane	X
Ethanol	X
Propane	X

Chemical Name	Massachusetts
Butane	X
Isobutane	X
Ethanol	X
Propane	X

Chemical Name	Pennsylvania
Butane	X
Isobutane	X
Ethanol	X
Propane	X

Chemical Name	Rhode Island
Ethanol	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:	26-Sep-2012
Revision Date:	26-Sep-2012

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