



Material Safety Data Sheet

Issuing Date: 07-May-2012

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Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product ID: 92226338

Product Name Gillette Roll-On Antiperspirant-Deodorant Arctic Ice

Recommended use Personal Beauty Care Product

Uses advised against All other uses

Synonyms No information available

Manufacturer The Procter & Gamble Company
Sharon Woods Technical 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 Safety Act which are used as intended (typical consumer duration and frequency) are exempt from the OSHA Hazard Communication Standard

WHMIS Not subject to WHMIS classification

Principle Routes of Exposure Skin contact. Eye contact. 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 %
Aluminum chloride hydroxide (Al ₂ Cl(OH) ₅)	12042-91-0	10 - 30
Poly(oxy-1,2-ethanediyl), alpha-octadecyl-omega-hydroxy-	9005-00-9	1 - 5
Poly(oxy-1,2-ethanediyl), alpha-octadecyl-omega-hydroxy-	9005-00-9	1 - 5
Diethyl phthalate	84-66-2	< 0.1
Butylated hydroxytoluene	128-37-0	< 0.1
Benzyl acetate	140-11-4	< 0.1

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	Not an expected route of exposure.
Protection of First-aiders	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	Non-household: Combustible liquid.
Flash Point Method	93 °C / 200 °F Closed cup.
Suitable Extinguishing Media	Non-household: 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 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.
Sensitivity to Static Discharge	Yes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	None under normal use conditions.
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.
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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	Mexico OEL
Aluminum chloride hydroxide (Al ₂ Cl(OH) ₅)	TWA: 1 mg/m ³ respirable fraction	-		-
Diethyl phthalate	TWA: 5 mg/m ³	(vacated) TWA: 5 mg/m ³	TWA: 5 mg/m ³	Mexico: TWA 5 mg/m ³ Mexico: STEL 10 mg/m ³
Butylated hydroxytoluene	TWA: 2 mg/m ³ inhalable fraction and vapor	(vacated) TWA: 10 mg/m ³	TWA: 10 mg/m ³	Mexico: TWA 10 mg/m ³ Mexico: STEL 20 mg/m ³
Benzyl acetate	TWA: 10 ppm	-		-
Chemical Name	British Columbia	Alberta	Quebec	Ontario TWAEV
Aluminum chloride hydroxide (Al ₂ Cl(OH) ₅)	TWA: 1.0 mg/m ³	-	-	TWA: 1 mg/m ³
Diethyl phthalate	TWA: 5 mg/m ³	TWA: 5 mg/m ³	TWA: 5 mg/m ³	TWA: 5 mg/m ³
Butylated hydroxytoluene	TWA: 2 mg/m ³	TWA: 10 mg/m ³	STEL: 10 mg/m ³	TWA: 2 mg/m ³
Benzyl acetate	TWA: 10 ppm	TWA: 10 ppm TWA: 61 mg/m ³	-	TWA: 10 ppm

Engineering Measures	Not applicable.
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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	No special protective equipment required
Thermal hazards	Not applicable.

Hygiene measures	Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing and gloves, including the inside, before re-use.
Environmental Exposure Controls	No special environmental precautions required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C	liquid
Appearance	Translucent, viscous liquid . Off-white, free from visible contamination.
Odor	No information available

Property	Values	Note
pH VALUE	4.1	.
Melting/freezing point	No information available	.
Boiling point/boiling range	100 °C / 212 °F	.
Flash Point	93 °C / 200 °F	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	1.10	.
Water solubility	Soluble in water	.
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
Butylated hydroxytoluene	4.17

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	None in particular.
Hazardous Decomposition Products	None under normal use.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation No known effect based on information supplied.
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.

Principle Routes of Exposure Skin contact. Eye contact. Inhalation.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Aluminum chloride hydroxide (Al ₂ Cl(OH) ₅)	9187 mg/kg (Rat)	2000 mg/kg (Rat)	-
Poly(oxy-1,2-ethanediyl), alpha-octadecyl-omega-hydroxy -	2900 mg/kg (Rat)	-	-
Poly(oxy-1,2-ethanediyl), alpha-octadecyl-omega-hydroxy -	2900 mg/kg (Rat)	-	-
Butylated hydroxytoluene	890 mg/kg (Rat)	-	-

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
Aluminum chloride hydroxide (Al ₂ Cl(OH) ₅)	-	LC50 96 h 100 - 500 mg/L Brachydanio rerio static	-	-	-
Butylated hydroxytoluene	EC50 72 h = 6 mg/L Pseudokirchneriella subcapitata EC50 72 h > 0.42 mg/L Desmodesmus subspicatus	LC50 48 h = 5 mg/L Oryzias latipes	-	= 6 mg/L EC50 > 0.42 mg/L EC50	-

Persistence and degradability No information available.

Bioaccumulative potential No information available.

Chemical Name	Bioconcentration factor (BCF)
Butylated hydroxytoluene	230 - 2500

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.

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Diethyl phthalate	U088	Included in waste stream: F039	-	U088

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

MEX Not regulated

IATA Not regulated

ICAO Not regulated

IMDG/IMO Not regulated

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, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Diethyl phthalate	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

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 does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Diethyl phthalate	-	X	X	-

U.S. State Regulations

California Proposition 65

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

U.S. State Regulations

Chemical Name	Pennsylvania
Diethyl phthalate	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 Exempt

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

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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