



# Material Safety Data Sheet

Issuing Date: 20-Jun-2012

Revision Date: 20-Jun-2012

Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product ID:** 99910254

**Product Name** Olay Regenerist Regenerating Night Cream

**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

**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

**WHMIS** Not subject to WHMIS classification

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

**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     | Classification (Reg. 1272/2008) | Weight % |
|------------------------------------|------------|---------------------------------|----------|
| 1,2,3-Propanetriol                 | 56-81-5    |                                 | 7 - 13   |
| 3-Pyridinecarboxamide              | 98-92-0    | Eye Irrit. 2(H319)              | 3 - 7    |
| Titanium oxide (TiO <sub>2</sub> ) | 13463-67-7 |                                 | 0.1 - 1  |
| Triethanol amine                   | 102-71-6   | Eye Irrit. 2(H319)              | 0.1 - 1  |

**4. FIRST AID MEASURES**

|                                                           |                                                                                                                                                                                                                      |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General advice</b>                                     | No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.                                                                                             |
| <b>Eye contact</b>                                        | 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. |
| <b>Skin contact</b>                                       | If skin problems occur, discontinue use. If symptoms persist, call a physician.                                                                                                                                      |
| <b>Ingestion</b>                                          | Clean mouth with water and afterwards drink plenty of water.                                                                                                                                                         |
| <b>Inhalation</b>                                         | Not an expected route of exposure.                                                                                                                                                                                   |
| <b>Protection of First-aiders</b>                         | Use personal protective equipment.                                                                                                                                                                                   |
| <b>Most important symptoms/effects, acute and delayed</b> | None known.                                                                                                                                                                                                          |
| <b>Notes to physician</b>                                 | Treat symptomatically.                                                                                                                                                                                               |

**5. FIRE-FIGHTING MEASURES**

|                                                       |                                                                                   |
|-------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Flash Point</b>                                    | No information available                                                          |
| <b>Suitable Extinguishing Media</b>                   | Dry chemical, CO <sub>2</sub> , water spray or alcohol-resistant foam.            |
| <b>Unsuitable Extinguishing Media</b>                 | No information available.                                                         |
| <b>Special Hazard</b>                                 | None in particular                                                                |
| <b>Special protective equipment for fire-fighters</b> | As in any fire, wear self-contained breathing apparatus and full protective gear. |

## 6. ACCIDENTAL RELEASE MEASURES

|                                        |                                              |
|----------------------------------------|----------------------------------------------|
| <b>Personal precautions</b>            | None under normal use conditions.            |
| <b>Advice for emergency responders</b> | Use personal protective equipment.           |
| <b>Environmental precautions</b>       | Should not be released into the environment. |
| <b>Methods for Containment</b>         | No information available.                    |
| <b>Methods for Cleaning up</b>         | No information available.                    |

## 7. HANDLING AND STORAGE

|                                              |                                                                                                             |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Advice on safe handling</b>               | Keep out of the reach of children. Observe label precautions.                                               |
| <b>Technical measures/Storage conditions</b> | Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

| Chemical Name                      | ACGIH TLV                                          | OSHA PEL                                                                                                                                                                                                                      | NIOSH IDLH                   | Mexico OEL                                                            |
|------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------------------------------------------------|
| 1,2,3-Propanetriol                 | TWA: 10 mg/m <sup>3</sup> mist                     | TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate (vacated) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction |                              | Mexico: TWA 10 mg/m <sup>3</sup>                                      |
| Titanium oxide (TiO <sub>2</sub> ) | TWA: 10 mg/m <sup>3</sup>                          | TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 10 mg/m <sup>3</sup> total dust                                                                                                                                           | IDLH: 5000 mg/m <sup>3</sup> | Mexico: TWA 10 mg/m <sup>3</sup><br>Mexico: STEL 20 mg/m <sup>3</sup> |
| Triethanol amine                   | TWA: 5 mg/m <sup>3</sup>                           | -                                                                                                                                                                                                                             |                              | -                                                                     |
| Chemical Name                      | British Columbia                                   | Alberta                                                                                                                                                                                                                       | Quebec                       | Ontario TWAEV                                                         |
| 1,2,3-Propanetriol                 | TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup> | TWA: 10 mg/m <sup>3</sup>                                                                                                                                                                                                     | TWA: 10 mg/m <sup>3</sup>    | TWA: 10 mg/m <sup>3</sup>                                             |
| Titanium oxide (TiO <sub>2</sub> ) | TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup> | TWA: 10 mg/m <sup>3</sup>                                                                                                                                                                                                     | TWA: 10 mg/m <sup>3</sup>    | TWA: 10 mg/m <sup>3</sup>                                             |
| Triethanol amine                   | TWA: 5 mg/m <sup>3</sup>                           | TWA: 5 mg/m <sup>3</sup>                                                                                                                                                                                                      | TWA: 5 mg/m <sup>3</sup>     | TWA: 0.5 ppm TWA: 3.1 mg/m <sup>3</sup>                               |

|                             |                 |
|-----------------------------|-----------------|
| <b>Engineering Measures</b> | Not applicable. |
|-----------------------------|-----------------|

### Personal Protective Equipment

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| <b>Eye Protection</b>           | No special protective equipment required. |
| <b>Hand Protection</b>          | No special protective equipment required. |
| <b>Skin and body protection</b> | No special protective equipment required. |
| <b>Respiratory protection</b>   | No special protective equipment required  |
| <b>Thermal hazards</b>          | Not applicable.                           |

**Hygiene measures** None under normal use conditions.

**Environmental Exposure Controls** No special environmental precautions required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State @20°C** liquid Cream/ Lotion  
**Appearance** cream. white.  
**Odor** Pleasant

| <u>Property</u>                               | <u>Values</u>            | <u>Note</u> |
|-----------------------------------------------|--------------------------|-------------|
| <b>pH VALUE</b>                               | 5.5 - 6.5                |             |
| <b>Melting/freezing point</b>                 | No information available |             |
| <b>Boiling point/boiling range</b>            | > 100 °C / > 212 °F      |             |
| <b>Flash Point</b>                            | No information available |             |
| <b>Evaporation rate</b>                       | No information available |             |
| <b>Flammability (solid, gas)</b>              | No information available |             |
| <b>Flammability Limits in Air</b>             |                          |             |
| upper flammability limit                      | No information available |             |
| lower flammability limit                      | No information available |             |
| <b>Vapor pressure</b>                         | No information available |             |
| <b>Vapor density</b>                          | No information available |             |
| <b>Relative density</b>                       | No information available |             |
| <b>Water solubility</b>                       | slightly soluble         |             |
| <b>Solubility in other solvents</b>           | No information available |             |
| <b>Partition coefficient: n-octanol/water</b> | No information available |             |
| <b>Autoignition temperature</b>               | No information available | .           |
| <b>Decomposition temperature</b>              | No information available | .           |
| <b>Viscosity of Product</b>                   | No information available |             |
| <b>Bulk Density</b>                           | No information available |             |

| Chemical Name      | log Pow |
|--------------------|---------|
| 1,2,3-Propanetriol | -1.76   |
| Triethanol amine   | -2.53   |

## 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** None under normal processing.

**Materials to Avoid** None in particular.

**Hazardous Decomposition Products** None under normal use.

## 11. TOXICOLOGICAL INFORMATION

### Product Information

#### Acute Toxicity

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

**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.

| Chemical Name                      | LD50 Oral           | LD50 Dermal                            | LC50 Inhalation |
|------------------------------------|---------------------|----------------------------------------|-----------------|
| 1,2,3-Propanetriol                 | 4090.00 mg/kg (rat) | 21900 mg/kg ( Rat )                    | -               |
| 3-Pyridinecarboxamide              | 3500 mg/kg ( Rat )  | 2000 mg/kg ( Rabbit )                  | -               |
| Titanium oxide (TiO <sub>2</sub> ) | 10000 mg/kg ( Rat ) | -                                      | -               |
| Triethanol amine                   | 8000.00 mg/kg (rat) | 2000 mg/kg ( Rabbit ) 16 mL/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 |
|-----------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------------------------------------|-----------------------------|
| 1,2,3-Propanetriol    | -                                                                                                       | LC50 96 h 51 - 57 mg/L <i>Oncorhynchus mykiss</i> static                                                                                                                                 | -                          | EC50 24 h > 500 mg/L <i>Daphnia magna</i>                                  | -                           |
| 3-Pyridinecarboxamide | -                                                                                                       | LC50 96 h > 1000 mg/L <i>Poecilia reticulata</i> static                                                                                                                                  | -                          | EC50 24 h > 1000 mg/L <i>Daphnia magna</i>                                 | -                           |
| Triethanol amine      | EC50 72 h = 216 mg/L <i>Desmodesmus subspicatus</i> EC50 96 h = 169 mg/L <i>Desmodesmus subspicatus</i> | LC50 96 h 10600 - 13000 mg/L <i>Pimephales promelas</i> flow-through LC50 96 h > 1000 mg/L <i>Pimephales promelas</i> static LC50 96 h 450 - 1000 mg/L <i>Lepomis macrochirus</i> static | -                          | EC50 24 h = 1386 mg/L <i>Daphnia magna</i> = 216 mg/L EC50 = 169 mg/L EC50 | -                           |

**Persistence and degradability** No information available.

**Bioaccumulative potential** .

| Chemical Name    | Bioconcentration factor (BCF) |
|------------------|-------------------------------|
| Triethanol amine | <3.9                          |

**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.

## 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                       | no |
| 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 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 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 |
|------------------------------------|------------|---------------------|
| Titanium oxide (TiO <sub>2</sub> ) | 13463-67-7 | Carcinogen          |

The California Prop 65 listing is only for products that could result in an exposure to airborne, respirable particles that are unbound (not attached to other non-titanium dioxide particles). This product does not meet this criteria.

**U.S. State Regulations**

| Chemical Name      | New Jersey |
|--------------------|------------|
| 1,2,3-Propanetriol | X          |

| Chemical Name      | Massachusetts |
|--------------------|---------------|
| 1,2,3-Propanetriol | X             |

| Chemical Name      | Pennsylvania |
|--------------------|--------------|
| 1,2,3-Propanetriol | 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**

**Issuing Date:** 20-Jun-2012

**Revision Date:** 20-Jun-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**