



# VI·JON<sup>®</sup> Safety Data Sheet

for Health and Beauty Products

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Complete Beauty Lotion SPF 15 Normal Skin  
**Item Number:** 909AE  
**Recommended Use:** Skin Care  
**Supplier Address:** Vi-Jon, Inc.  
8515 Page Avenue  
Saint Louis, MO 63114  
**General Information Contact:** Phone: 314-427-1000 (M-F 8am-4pm CST)  
Email: info@vijon.com

**In Case of Spill Emergency Contact:** Chemtrec: 1-800-424-9300 (24-Hour)

## 2. HAZARDS IDENTIFICATION FOR INDUSTRIAL SETTING

### CAUTION!

### Emergency Overview

May cause skin and eye irritation

**Appearance:** Opaque, Glossy, White,  
Viscous lotion

**Physical State:** Viscous lotion

**Odor:** Light floral

### Potential Health Effects

**Primary Routes of Exposure** Skin contact.

**Acute Toxicity**

- Eyes** May cause irritation.
- Skin** None known when used as directed.
- Inhalation** Not an expected route of exposure.
- Ingestion** Not an expected route of exposure.

**Chronic Effects** None known.

**Aggravated Medical Conditions** None known.

**Environmental Hazard** See Section 12 for additional Ecological Information.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Octinoxate 6.0%	5466-77-3	0-10
Zinc Oxide 3.0%	1314-13-2	0-10
Water	7732-18-5	50-100
Glycerin	56-81-5	0-10
Isohexadecane	4390-04-9	0-10
Sodium Acrylate/Acryloyldimethyl Taurate Copolymer	77019-71-7	0-10
Polysorbate 80	9005-67-8	0-10
Laureth-7	3055-97-8	0-10
Cyclopentasiloxane	541-02-6	0-10
Cyclohexasiloxane	540-97-6	0-10
PEG/PPG-20/20 Dimethicone	68937-55-3	0-10
Steareth-21	9005-00-9	0-10
Stearyl Alcohol	112-92-5	0-10
Gossypium Herbaceum (Cotton) Seed Oil	8001-29-4	0-10
Behenyl Alcohol	661-19-8	0-10
Cetyl Alcohol	36653-82-4	0-10
DMDM Hydantoin	6440-58-0	0-10
Iodopropynyl Butylcarbamate	55406-53-6	0-10
Fragrance	Fragrance	0-10
Tocopheryl Acetate	7695-91-2	0-10
Disodium EDTA	139-33-3	0-10
Steareth-2	16057-43-5	0-10
Oleth-3 Phosphate	39464-69-2	0-10
Ascorbic Acid	50-81-7	0-10
Panthenol	16485-10-2	0-10

### 4. FIRST AID MEASURES

<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.
<b>Skin Contact</b>	In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Rinse mouth. Drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.
<b>Notes to Physician</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Not flammable.
<b>Flash Point</b>	Not determined.
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Hazardous Combustion Products</b>	Carbon oxides.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	No.
<b>Sensitivity to Static Discharge</b>	No.
<b>Protective Equipment and Precautions for Firefighters</b>	
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.	
<b>NFPA</b>	<b>Health Hazard 1      Flammability 0      Stability 0      Physical and Chemical Hazards - None</b>

**6. ACCIDENTAL RELEASE MEASURES FOR INDUSTRIAL SETTING**

<b>Personal Precautions</b>	Use personal protective equipment. Avoid contact with eyes.
<b>Environmental Precautions</b>	Refer to protective measures listed in Sections 7 and 8.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Cleaning Up</b>	Damp up. Soak up with inert absorbent material. Keep in suitable and closed containers for disposal. Clean contaminated surface thoroughly.

**7. HANDLING AND STORAGE FOR INDUSTRIAL SETTING**

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.
<b>Storage</b>	Keep tightly closed in a dry and cool place. Keep in properly labeled containers.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION FOR INDUSTRIAL SETTING**

**Exposure Guidelines**                      **There is no exposure data pertaining to the Product. This section reflects exposure data pertaining to individual ingredients.**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Zinc Oxide 1314-13-2	STEL: 10 mg/m <sup>3</sup> respirable fraction TWA: 2 mg/m <sup>3</sup> respirable fraction	TWA: 5 mg/m <sup>3</sup> fume TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 5 mg/m <sup>3</sup> fume (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) STEL: 10 mg/m <sup>3</sup> fume	IDLH: 500 mg/m <sup>3</sup> Ceiling: 15 mg/m <sup>3</sup> dust TWA: 5 mg/m <sup>3</sup> dust and fume STEL: 10 mg/m <sup>3</sup> fume
Glycerin 56-81-5	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	

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

<b>Other Exposure Guidelines</b>	Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).
<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	No special protective equipment required.
<b>Skin and Body Protection</b>	No special protective equipment required.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Opaque, Glossy, White, Viscous lotion	<b>Odor</b>	Light floral
<b>Odor Threshold pH</b>	No information available	<b>Physical State</b>	Viscous lotion
<b>Flash Point</b>	No information available.	<b>Autoignition Temperature</b>	No information available
<b>Decomposition Temperature</b>	No information available	<b>Boiling Point/Range</b>	No information available
<b>Melting Point/Range</b>	No information available	<b>Explosion Limits</b>	No information available
<b>Flammability Limits in Air</b>	No information available	<b>Solubility</b>	No information available
<b>Water Solubility</b>	Miscible with water	<b>Vapor Pressure</b>	No data available
<b>Evaporation Rate</b>	No information available	<b>Partition Coefficient: n-octanol/water</b>	N/A
<b>Vapor Density</b>	No data available		

**10. STABILITY AND REACTIVITY FOR INDUSTRIAL SETTING**

**Stability** Stable under recommended storage conditions.  
**Incompatible Products** None known.  
**Conditions to Avoid** None known.  
**Hazardous Decomposition Products** Carbon oxides.  
**Hazardous Polymerization** Hazardous polymerization does not occur.

When used in accordance with the directions.

**11. TOXICOLOGICAL INFORMATION FOR INDUSTRIAL SETTING**

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

**Acute Toxicity**

**Product Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Zinc Oxide	> 5000 mg/kg ( Rat )	-	-
Water	> 90 mL/kg ( Rat )	-	-
Glycerin	= 12600 mg/kg ( Rat )	> 21900 mg/kg ( Rat )	-
Polysorbate 80	> 60 mL/kg ( Rat )	-	-
Cyclopentasiloxane	> 24134 mg/kg ( Rat )	> 16 mL/kg ( Rabbit )	-
Steareth-21	= 2900 mg/kg ( Rat )	-	-
Stearyl Alcohol	= 2510 mg/kg ( Rat )	> 8000 mg/kg ( Rabbit )	-
Gossypium Herbaceum (Cotton) Seed Oil	> 90 mL/kg ( Rat )	-	-
Behenyl Alcohol	> 10000 mg/kg ( Rat )	-	-
Cetyl Alcohol	= 5 g/kg ( Rat )	2600 mg/kg(rat)	-
DMDM Hydantoin	= 2 g/kg ( Rat )	-	-
Disodium EDTA	= 2 g/kg ( Rat )	-	-
Ascorbic Acid	= 11900 mg/kg ( Rat )	-	-

**Chronic Toxicity**

**Chronic Toxicity** None known.  
**Carcinogenicity** N/A  
**Target Organ Effects** Eyes.

**12. ECOLOGICAL INFORMATION FOR INDUSTRIAL SETTING**

There is no ecological data on the Product. The Product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

**13. DISPOSAL CONSIDERATIONS FOR INDUSTRIAL SETTING**

**Waste Disposal Methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging** Dispose of in accordance with local regulations.

**California Hazardous Waste Codes** 331

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California EHW	California Carc	California Hazardous Waste	California Waste - Part 2
Zinc Oxide			Toxic	STLC (for PBTs): 250 mg/L TTLc (for PBTs): 5000 mg/kg

Product Number: 909AE  
Issuing Date: October 1, 2013

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Revision Date: None

Revision Number: 0

#### 14. TRANSPORT INFORMATION

**DOT** Not regulated  
**TDG** Not regulated  
**MEX** Not regulated  
**ICAO** Not regulated  
**IATA** Not regulated  
**IMDG/IMO** Not regulated

#### 15. REGULATORY INFORMATION FOR INDUSTRIAL SETTING

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

##### International Inventories

**TSCA** Exempt  
**DSL** Not determined

##### U.S. Federal Regulations

###### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Zinc Oxide	1314-13-2	0-10	1.0

###### 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

###### Clean Water Act

This product contains the following ingredients 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
Zinc Oxide		X		

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

This product contains the following ingredients which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Glycerin	56-81-5	0-10		Group II		

###### CERCLA

This material, as supplied, does not contain any ingredients regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

##### U.S. State Regulations

###### California Proposition 65 - None

This product does not contain any Proposition 65 chemicals.

###### U.S. State Right-to-Know Regulations For Industrial Setting

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Zinc Oxide	X	X	X		X
Glycerin	X	X	X		X

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### International Regulations

Mexico - Grade Minimum risk, Grade 0

Chemical Name	Carcinogen Status	Exposure Limits
Zinc Oxide		Mexico: TWA 5 mg/m <sup>3</sup> Mexico: TWA 10 mg/m <sup>3</sup> Mexico: STEL 10 mg/m <sup>3</sup>
Glycerin		Mexico: TWA 10 mg/m <sup>3</sup>

### Canada

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.

### WHMIS Hazard Class

Non-controlled

Chemical Name	NPRI
Zinc Oxide	X

### Legend

NPRI - National Pollutant Release Inventory

## 16. OTHER INFORMATION

**Prepared By** WERCS Professional Services, LLC  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

**Issuing Date** October 1, 2013

**Revision Date** None

**Revision Note** None

### General 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 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

Approved and Updated by Vi-Jon, Inc.

### Disclaimer:

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**End of Safety Data Sheet**