

SAFETY DATA SHEET

Section 1. Product And Company Identification

Product Name: VioNex™ Skin Lotion

Product Use: Skin Lotion

Manufacturer: METREX™ RESEARCH
28210 Wick Rd
Romulus, MI 48174
U.S.A.

Information Phone Number: 1-800-841-1428 (Customer Service)

Chemical Emergency Phone Number (Chemical Spills, Leaks, Fire, Exposure or Accident only):
CHEMTREC 1-800-424-9300 (in the US) 1-703-527-3887 (Outside the US)

SDS Date Of Preparation/Revision: November 12, 2014

Section 2. Hazards Identification

GHS / HAZCOM 2012 Classification:
Eye Irritation Category 2A

Label Elements

WARNING!



Hazard Phrases
Causes serious eye irritation.

Precautionary Phrases
Wash thoroughly after handling.
Wear eye protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists get medical attention.

Other Hazards: None identified



Section 3. Composition/Information On Ingredients

Component	CAS No./ EC No.	Amount
Water and non-hazardous ingredients	Mixture	70-90%
Glycerin	57-55-6 / 200-338-0	10-20%
Propylene Glycol	57-55-6 200-338-0	1-5%
Surfactant	Proprietary	1-5

Section 4. First Aid Measures

Inhalation: None expected under normal conditions of use. Move to fresh air if effects occur. Seek medical attention if symptoms persist.

Skin Contact: This product is intended to contact the skin. If irritation develops, discontinue use and get medical advice.

Eye Contact: Immediately flush eyes with water, holding the eyelids apart. Get medical attention if irritation persists.

Ingestion: Not acutely toxic. If swallowed, rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

Most Important symptoms and effects, both acute and delayed: Causes eye irritation. Ingestion may cause mild gastrointestinal irritation

Indication of any immediate medical attention and special treatment needed: No immediate medical attention is required.

Section 5. Firefighting Measures

Suitable (and Unsuitable) Extinguishing Media: Use any extinguishing media appropriate for the surrounding fire. Cool fire exposed containers with water.

Special Hazards Arising from the Chemical: Not flammable or combustible. Product will burn only after the water has evaporated.

Special Protective Equipment and Precautions for Fire-fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate protective clothing and equipment.

Environmental Precautions: Avoid release to the environment. Report spill as required by local and federal regulations.



Methods and Material for Containment and Cleaning Up: Rinse to sewer with water or wipe up with a paper towel or other absorbent material place in container for disposal.

Section 7. Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes.

Conditions for Safe Storage, Including any Incompatibilities: Store at room temperature.

Section 8. Exposure Controls/Personal Protection

Exposure Limits

Chemical	Exposure Limit
Glycerin	5 mg/m ³ TWA OSHA PEL (respirable fraction), 15 mg/m ³ TWA (total dust)
Propylene Glycol	10 mg/m ³ TWA AIHA WEEL
Surfactant	None Established

Appropriate Engineering Controls: General ventilation should be adequate for normal use.

Personal Protective Measurers

Respiratory Protection: None under normal use conditions with adequate ventilation. For operations where the occupational exposure limits are exceeded, an approved respirator with an organic vapor cartridges with a dust/mist prefilter or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with applicable regulations and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

Hand protection: This product is intended to contact the skin.

Eye Protection: None normally required. Safety glasses or goggles recommended when handling large amounts and eye contact is possible.

Skin Protection: This product is intended to contact the skin.

Hygiene measures: None normally needed.

Section 9. Physical and Chemical Properties

Appearance:	Opaque white cream	Vapor Pressure:	Not determined
Odor:	Floral odor	Vapor Density:	Not determined
Odor Threshold:	Not determined	Relative Density /Specific Gravity:	0.91
pH:	6.5-9.0	Solubility in Water:	Complete
Melting/Freezing Point:	Not determined	Partition Coefficient: (n-octanol/water)	Not determined
Initial Boiling	206.6°F / 97°C	Auto-ignition Temperature:	Not determined



Point/Range:			
Flash Point:	Not flammable	Decomposition Temperature:	Not determined
Evaporation Rate:	Same as water	Viscosity:	Not determined
Flammability: (solid/gas)	Not flammable	Explosive Properties:	None
Flammable/ Explosive Limits:	Not applicable	Oxidizing Properties:	None
Percent Volatile:	>70%		

Section 10. Stability and Reactivity

Reactivity: Not reactive at ambient temperatures.
Chemical Stability: Stable
Possibility of Hazardous Reactions: Not reactive.
Conditions To Avoid: Avoid excessive heat.
Incompatible Materials: None known.
Hazardous Decomposition Products: None known.

Section 11. Toxicological Information

Potential Health Effects:

Inhalation: Inhalation exposure will not occur in normal use. Inhalation of mists may cause mild nose and throat irritation.

Skin Contact: This product is intended to contact the skin. No irritation or other adverse effects are expected.

Eye Contact: Causes irritation with tearing, redness and pain.

Ingestion: Ingestion may cause gastrointestinal disturbances including nausea and vomiting.

Mutagenicity: None of the components have shown mutagenic activity in animal studies.

Carcinogenicity: None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH, or OSHA.

Developmental / Reproductive Toxicity: None of the components have been shown to cause reproductive or developmental effects.

Acute Toxicity Values: Estimated Acute Toxicity (ATE) Oral: 50,000 mg/kg, Dermal >2,000 mg/kg
Glycerin: Oral LD50 >10000 mg/kg, Inhalation rat LC50 >2.75 mg/L/4 hr, Dermal guinea pig LD50 56,750 mg/kg
Propylene Glycol: Oral rat LD50 20,000 – 34,000 mg/kg; Dermal Rabbit LD50 >20,000 mg/kg
Surfactant: Oral rat LD50 960-3980 mg/kg, Dermal rabbit LD50 >2000 mg/kg, Inhalation rat LC50 1.15 mg/L/4 hr



Section 12. Ecological Information

Toxicity: No toxicity data available for product

Glycerin: 96 hr LC50 Oncorhynchus mykiss 54000 mg/, 48 hr LC50 daphnia magna 1955 mg/L

Propylene Glycol: 96 hr LC50 Oncorhynchus mykiss 40613 mg/L, 48 hr Ceriodaphnia dubia 18340 mg/L, 72 h EC50 algae 19300 mg/L

Surfactant: 96 hr LC50 pimephales promelas 3.8-6.2 mg/L, 48 hr EC50 daphnia magna 9.3-21.4 mg/L

Persistence and Degradability: Propylene glycol and glycerin are readily biodegradable. Surfactant is not readily biodegradable.

Bioaccumulative Potential: Propylene glycol has a BCF of <1. Glycerin has a calculated BCF 3. This product is not expected to bioaccumulate. Surfactant has a BCF <48.

Mobility in Soil: Glycerin is expected to be highly mobile in soil.

Other Adverse Effects: None known.

Section 13. Disposal Considerations

Solution Disposal: Dispose of in accordance with Federal, State, and local regulations.

Container Disposal: Offer for recycling, if available. If recycling is not available, discard in trash.

Section 14. Transport Information

	UN Number	UN Proper Shipping Name	Transport Hazard Class(es)	Packing Group	Environmental Hazards
US DOT	None	Not Regulated	None	None	None
EU ADR/RID	None	Not Regulated	None	None	None
IMDG	None	Not Regulated	None	None	None
IATA/ICAO	None	Not Regulated	None	None	None

Transport in Bulk According to Annex III MARPOL 73/78 and the IBC Code: Not applicable – product is transported only in packaged form.

Special Precautions for User: None identified

Section 15. Regulatory Information

US Regulations

EPA SARA 311/312 Hazard Classification: Acute Health

EPA SARA 313: This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

Protection Of Stratospheric Ozone: This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.



CERCLA SECTION 103: This product is not subject to CERCLA reporting requirements; however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

California Prop 65: This product may contain a chemical known to the State of California to cause cancer or birth defects or other reproductive harm.

International Inventories

US EPA TSCA Inventory: All of the components in this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory or exempt.

Canadian Environmental Protection Act: All of the components in this product are listed on the Domestic Substances List (DSL) or exempt.

European Union: All the components in this product are listed on the EINECS inventory or exempt.

Australia: All of the components in this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempt.

Japan: All of the components in this product are listed on the Japanese Existing and New Chemical Substances (ENCS) inventory or exempt.

Korea: All of the components in this product are listed on the Korean Existing Chemicals List (KECL) or exempt.

Philippines: All of the components of this product are listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS) or exempt.

16. Other Information

NFPA Rating: Fire: 0 Health: 1 Instability: 0

Effective Date: November 12, 2014

Supersedes Date: February 2007

Revision Summary: All sections. Converted to GHS format

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