

SAFETY DATA SHEET

Section 1. Product And Company Identification

Product Name: VioNex™ Towelettes
Product Use: Skin Cleansing Towelette

Manufacturer: METREX™ RESEARCH
1717 W. Collins Ave.
Orange, CA 92867
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 14, 2014

Section 2. Hazards Identification

GHS / HAZCOM 2012 Classification:

Eye Irritation Category 2A

Warning!



Hazard Phrases

Causes serious eye irritation.

Prevention:

Wash thoroughly after handling.

Response:

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

Section 3. Composition/Information On Ingredients

Component	CAS No.	Amount
Ethanol	64-17-5	5-15%
Surfactant	Proprietary	1-5



Section 4. First Aid Measures

Inhalation: Inhalation overexposure is unlikely, however, if irritation occurs, remove victim to fresh air. Get 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 large quantities of water for several minutes, holding the eyelids apart. Get medical attention if irritation persists.

Ingestion: Ingestion is unlikely due to product form. If swallowed, rinse mouth with water. Never give anything by mouth to an unconscious person. Get medical attention.

Most Important symptoms and effects, both acute and delayed: Causes eye irritation. Inhalation of concentrated vapors may cause irritation of the eyes, nose and throat and dizziness and drowsiness.

Indication of any immediate medical attention and special treatment needed: Immediate medical attention is not required.

Section 5. Fire Fighting Measures

Suitable (and Unsuitable) Extinguishing Media: Use water spray or fog, alcohol-resistant foam, carbon dioxide or dry chemical. Cool fire exposed containers with water.

Specific Hazards Arising from the Chemical: This product is not flammable but may burn once the liquid has evaporated. Combustion may produce carbon monoxide and carbon dioxide.

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 releases as required by local, state and federal authorities.

Methods and Materials for Containment and Cleaning up: Pick up and place into an appropriate container for disposal. Do not place into containers where ignition sources such as cigarettes or other ignition sources may be discarded.



Section 7. Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes. Do not smoke when handling.

Keep containers closed when not in use. Do not reuse towelette.

Conditions for Safe Storage, Including any Incompatibilities: Store in accordance with package instructions. .

Section 8. Exposure Controls / Personal Protection

Exposure Limits

Chemical	Exposure Limit
Isopropanol	200 ppm TWA, 400 ppm STEL ACGIH TLV 400 ppm TWA OSHA PEL
Surfactant	None Established

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

Respiratory Protection: None required for normal use.

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

Eye Protection: None required for normal use. Avoid contact with the eyes.

Skin Protection: None required for normal use. Contaminated clothing should be removed and laundered before re-use.

Hygiene measures: None needed under normal conditions of use.

Section 9. Physical and Chemical Properties

Appearance:	Clear liquid with an alcohol odor impregnated on a pad	Odor:	Alcohol
Odor Threshold:	0.136 ppm (ethanol)	pH:	Not determined
Melting/Freezing Point:	Not determined	Boiling Point/Range:	Not determined
Flash Point:	Not applicable	Evaporation Rate:	Not applicable
Flammability: (Solid, Gas)	Not applicable	Flammability Limits:	LEL: Not applicable UEL: Not applicable
Vapor Pressure:	Not determined	Vapor Density:	Not applicable
Relative Density:	0.987	Solubilities:	Not applicable
Partition Coefficient: (N-Octanol/Water)	Not determined	Autoignition Temperature:	Not determined
Decomposition Temperature:	Not applicable	Viscosity:	Not applicable

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, flames and all other sources of ignition.

Incompatible Materials: Strong oxidizing agents. .

Hazardous decomposition products: Thermal decomposition will produce carbon monoxide and carbon dioxide,

Section 11. Toxicological Information

Potential Health Effects:

Inhalation: No adverse effects are expected under normal use conditions.

Skin Contact: No adverse effects expected under normal use conditions.

Eye Contact: May cause irritation with tearing, redness and pain.

Ingestion: This product contains only a small amount of liquid. No adverse effects are expected.

Chronic Hazards: No adverse effects from chronic exposure are expected.

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

Acute Toxicity Values:

Ethanol: LD50 oral rat 7060 mg/kg; LC50 inhalation rat 20000 ppm/10 hr.

Surfactant: Oral rat LD50 960-3,980 mg/kg; Dermal rabbit LD50 >2,000 mg/kg; Inhalation rat LC50 1.15 mg/L/4 hr

Section 12. Ecological Information

Toxicity: No toxicity data available for product.

Ethanol: LC50 rainbow trout 13000 mg/L/96 hr; LC50 daphnia magna 9268-14221 mg/L/48 hr; EC50

Chlorella pyrenoidosa (Green algae; growth inhibition) 9310 mg/L/48 hr

Surfactant: 96 hr Pimephales promelas 3.8-6.2 mg/L; 48 hr Lc50 daphnia magna 9.3-21.4 mg/L

Persistence and degradability: Ethanol is readily biodegradable. Surfactant is not readily biodegradable.

Bioaccumulative Potential: Ethanol has an estimated BCF of 3. Surfactant has a BCF 5.9-48.

Mobility in Soil: Ethanol is expected to have very high mobility in soil.

Other Adverse Effects: None known

Section 13. Disposal Considerations



Towelette Disposal: Discard used product in an appropriate container. Do not place into containers where ignition sources such as cigarettes or other ignition sources may be discarded. Do not flush wipes down toilet.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. If recycling is not available, discard in trash.

Section 14. Transport Information

	UN Number	UN Proper Shipping Name	Hazard Class(s)	Packing Group	Environmental Hazards
US DOT		Not Regulated (49 CFR 172.102 Special Provision 47)			None
EU ADR/RID		Not Regulated (Special Provision 216)			None
IMDG		Not Regulated (Special Provision 216)			None
IATA/ICAO		Not Regulated (Special Provision A46)			None

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known.

Section 15. Regulatory Information

U.S. Federal 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: This product is considered a cosmetic and is exempt from the TSCA regulation.



Section 16. Other Information

Effective Date: November 14, 2013

Supersedes Date: July 9, 2012

Revision Summary: All sections. Converted to GHS format

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