

# Safety Data Sheet

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**Section 1: PRODUCT AND COMPANY IDENTIFICATION**

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Omega Products International  
P.O. Box 77220  
Corona, CA 92877-0107

Company Phone Number: 1-951-737-7447  
Emergency Phone Number: 1-951-737-7447 or 1-800-600-6634

Trade Name: OmegaGuard  
Chemical Family: Mixture

Issue Date: January 01, 2015

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**Section 2: HAZARDS IDENTIFICATION**

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**2.1 Emergency Overview**

Appearance/Odor: Milky white or clear liquid with slight ammonia odor.

**WARNING**

CAUSES MILD SKIN IRRITATION (Category 3)  
CAUSES EYE IRRITATION (Category 2B)  
HARMFUL IF SWALLOWED (Category 4)  
MAY BE HARMFUL IF INHALED (Category 5)

**2.2 Potential Health Effects**

Relevant routes of exposure: Eye contact, skin contact, inhalation

**Eye:** Direct Contact with eyes can cause eye irritation and/or alkali burns.

**Skin:** Prolonged or repeated skin contact with wet material can cause skin irritation and/or alkali burns.

**Inhalation:** Inhalation of dust can cause headache, nausea, irritation and/or inflammation of nose, throat or lungs.

**Ingestion:** Ingestion of material may cause vomiting and/or stomach pains.

**2.3 Potential Environmental Effects**

Not considered to be harmful to aquatic and terrestrial life.



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## Section 3: COMPOSITION/INFORMATION OF INGREDIENTS

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CAS Number	Component	Content [wt %]	
		Lower	Upper
31795-24-1	Potassium Methylsilanetriolate	4.5	5.5

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## Section 4: FIRST-AID MEASURES

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**Eye Contact:** Flush eyes with running water for at least 15 minutes

**Skin Contact:** Wash affected area thoroughly with soap and water. Consult a physician if irritation persists.

**Inhalation:** Move subject to fresh air.

**Ingestion:** If swallowed give at least 2 glasses of water to drink, consult a physician. Never give anything by mouth to an unconscious person.

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## Section 5: FIRE FIGHTING MEASURES

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**Suitable Extinguishing Media:** Water Spray, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol foam.

**Unsuitable Extinguishing Media:** None

**Products of Combustions:** None

**Unusual Hazards:** Material can splatter above 100°C (212°F). Polymer film can burn.

**Protection of Firefighters:** Firefighters should wear self-containing breathing apparatus (pressure demand MSHA/NIOSH approved or equivalent) and full fire-fighting turnout gear.

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## Section 6: ACCIDENTAL RELEASE MEASURES

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**Personal Precautions:** Use personal protection recommended in section 8.

**Environmental Precautions:** Keep out of drains, sewers, ditches and waterways. Minimize use of water to prevent environmental contamination.

**Methods for Clean-Up:** Dispose of in accordance with applicable Federal, State, and Local regulations. Keep spills and runoff out of municipal sewers and open bodies of water.



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## Section 7: HANDLING AND STORAGE

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**Handling:** Do not get in eyes. Avoid contact with skin. Use in well ventilated areas. Wash thoroughly after handling.

**Storage:** Store in a cool, dry location and out of direct sunlight. Protect pails from weather and other damage.

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## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Exposure Guidelines:

OSHA does not have any exposure limits for Triethoxy(octyl)silane

**Engineering Controls:** Use local ventilation, if needed.

**Eye/face Protection:** Use chemical splash goggles (ANSI 287.1 or approved equivalent)

**Skin Protection:** Use rubber or neoprene gloves to provide protection against wet material.

**Respiratory Protection:** None required for normal use of this product. If material is sanded or ground when dry, NIOSH/MSHA approved respirators for dust should be provided and used. As with any safety product, workers using respirators should be trained in the proper selection, use and care of such equipment.

**General Hygiene Considerations:** Wash thoroughly after handling. Have eye-wash facilities immediately available.

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## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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Color: Milky white or clear

Odor: Slight ammonia odor.

Odor Threshold: Not available.

Physical State: Solid.

pH: 8 -9

Freezing Point: 0°C (32°C)

Boiling Point: >100°C (212°F).

Flash Point: Noncombustible

Evaporation Rate: Not applicable.

Flammability (solid, gas): Not flammable.

Upper Flammability Limit: Not applicable.

Lower Flammability Limit: Not applicable.

Auto Ignition Temperature: Not applicable.

Vapor Pressure: Not applicable.



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Vapor Density: < 1  
Specific Gravity: >1  
Solubility (water): Dilutable  
Partition Coefficient (n-octanol/water): Not applicable

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## Section 10: STABILITY AND REACTIVITY

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**Chemical Stability:** Stable. Avoid temperatures above 177°C (350°F), the onset of polymer decomposition. Thermal decomposition is dependent on time and temperature.

**Conditions to Avoid:** None.

**Incompatible Materials:** No known incompatible materials.

**Hazardous Decomposition Products:** Thermal decomposition may yield acrylic monomers.

**Possibility of Hazardous Reactions:** None.

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## Section 11: TOXICOLOGICAL INFORMATION

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**Eyes:** No specific hazard known. May cause transient irritation or alkali burns.

**Skin:** No specific hazard known. May cause transient irritation or alkali burns.

**Inhalation:** No specific hazard known. May cause transient irritation, headache, nausea, and /or inflammation of the nose, throat or lungs.

**Ingestion:** No specific hazard known.

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## Section 12: ECOLOGICAL INFORMATION

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**Aquatic Toxicity:** No data available.

**Terrestrial Toxicity:** No data available.

**Persistence and degradability:**

**Mobility:** No data available.

**Bioaccumulation:** No data available.



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**Section 13: DISPOSAL CONSIDERATIONS**

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Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

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**Section 14: TRANSPORTATION INFORMATION**

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Land transport	USDOT	Not classified as a dangerous good under transport regulations
Sea transport	IMDG	Not classified as a dangerous good under transport regulations
Air transport	IATA/ICAO	Not classified as a dangerous good under transport regulations

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**Section 15: REGULATORY INFORMATION**

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US Federal Regulations:  
TSCA: All ingredients are exempt from listing.

- SARA Title III Rules
  - Section 311/312 Hazard Classes
    - Fire Hazard: No
    - Reactive Hazard: No
    - Release of Pressure: No
    - Acute Health Hazard: No
    - Chronic Health Hazard: No
  - Section 313 Toxic Chemicals
    - None
  - Section 312 Extremely Hazards Substances (EHS)/CERCLA Hazardous Substances
    - None

State Regulations:  
Omega Products International, Inc., as a blender of processed material in the State of California, is required by Proposition 65 to warn that one or more of the components contained in this product could contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. The State of California (Proposition 65) requires this warning in the absence of definitive testing to prove that the defined risks do not exist. We believe this product complies with all other applicable state and federal laws and regulations governing manufacture, distribution and intended use.



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**Section 16: OTHER INFORMATION**

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**Hazardous Material Information System III (U.S.A.)**

Health: 0  
Flammability: 0  
Physical Hazards: 0

Health rating applies only to acute effects as defined by the National Paint and Coatings Association)

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

**Legend**

ACGIH	American Conference of Government Industrial Hygienists
HMIS	Hazardous Material Identification System
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
STEL	Short Term Exposure Limit
TWA	Time Weighted Average
NIOSH	National Institute for Occupational Safety and Health
PEL	Permissible Exposure Limit

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