

Safety Data Sheet

OM 80.00
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Section 1: PRODUCT AND COMPANY IDENTIFICATION

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: Omega Cure
Chemical Family: Mixture

Issue Date: January 01, 2015

Section 2: HAZARDS IDENTIFICATION

2.1 Emergency Overview

Appearance/Odor: Clear liquid with a mild ammonia odor

**Warning**

May be harmful if swallowed (Category 5)
Causes mild skin irritation (Category 3)
Causes eye irritation (Category 2B)
Harmful if inhaled (Category 4)

2.2 Potential Health Effects

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

Eye: Direct Contact with eyes can cause severe damage.

Skin: Prolonged contact with skin can cause severe skin burns.

Inhalation: Prolonged inhalation of product 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

CAS Number	Component	Content [wt %]	
		Lower	Upper
10043-52-4	Calcium Chloride	19.0	21.0
13780-06-8	Calcium Nitrite	13.0	15.0
10124-37-5	Calcium Nitrate	1.0	2.0

Section 4: FIRST-AID MEASURES

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 or skin burns develop.

Inhalation: Move subject to fresh air.

Ingestion: If swallowed give at least 2 glasses of water to drink, consult a physician. Do not induce vomiting. Never give anything by mouth to an unconscious person.

Section 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water Spray, carbon dioxide (CO₂), 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.

Section 6: ACCIDENTAL RELEASE MEASURES

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

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.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

	OSHA PEL	ACGIH TLV	NIOSH REL
Calcium Chloride	15 mg/m ³ TWA	10 mg/m ³ TWA	10 mg/m ³ TWA
Calcium Nitrite	Not Established	Not Established	Not Established
Calcium Nitrate	Not Established	Not Established	Not Established

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.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Color: Clear
Odor: Slight ammonia odor.
Odor Threshold: Not available.
Physical State: Liquid.
pH: 10-12
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.



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Lower Flammability Limit: Not applicable.
Auto Ignition Temperature: Not applicable.
Vapor Pressure: Not applicable.
Vapor Density: < 1
Specific Gravity: >1
Solubility (water): Dilutable
Partition Coefficient (n-octanol/water): Not applicable

Section 10: STABILITY AND REACTIVITY

Chemical Stability: Stable. Avoid temperatures above 177°C (350°F), the onset off 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.

Section 11: TOXICOLOGICAL INFORMATION

Eyes: No specific hazard known. Product may cause severe eye damage.

Skin: No specific hazard known. Product may cause skin irritation or burns.

Inhalation: No specific hazard known. Product may cause headache, nausea, and /or inflammation of the nose, throat or lungs.

Ingestion: No specific hazard known.

Section 12: ECOLOGICAL INFORMATION

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

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.

Section 14: TRANSPORTATION INFORMATION

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

Section 15: REGULATORY INFORMATION

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
 - Calcium Nitrate
 - Section 312 Extremely Hazards Substances (EHS)/CERCLA Hazardous Substances
 - Calcium Nitrate

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

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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