

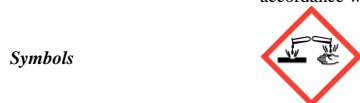
This brief provides a general overview of the **Safety Data Sheet** requirements in the Hazard Communication Standard OSHA's 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200).

Section 1 ~ Identification

Identity (As Used On Label and List) B4204 I.M.C.	Date Prepared: 03-26-2015
Company Information: OMEGA INDUSTRIAL SUPPLY, INC	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 101 Grobric Ct #1	Telephone Number for Information: 1-800-571-7347
(City, State, and Zip Code) Fairfield, CA 94534	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

Classification	Skin Corrosion: Category 1C Eye Damage: Category 1
Hazard Statement(s)	DANGER: Causes Severe skin burns and eye damage. This product contains the following percentage of chemicals of unknown toxicity: 2% Do not breathe mists. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse.
Precautionary Statements	If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.



Hazards Not Otherwise Classified: N/A

Section 3 ~ Composition/Information on Ingredients

Hazardous Ingredient	CAS No.	%(Wt.)
Phosphoric Acid	7664-38-4	40 – 70%
Citric Acid, Anhydrous	77-92-9	3 – 7%

Section 4 ~ First Aid Measures

Eyes: 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 advice or attention.
Ingestion: If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.
Inhalation: If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
Skin: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
Acute Health Hazards: Causes severe burns.
Chronic Health Hazards: Skin disorders, drying and irritation of the skin.
Note to Physician: The absence of visible signs or symptoms of burns does not reliably exclude the presence of actual tissue damage.

Section 5 ~ Fire Fighting Measures

Extinguishing Media: Use appropriate media for surrounding fire.
Unsuitable Extinguishing Media: N/A
Special Fire Fighting Procedures: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.
Unusual Fire and Explosion Hazards: Non-combustible. Water spray may be used to keep fire exposed containers cool.
Hazardous Combustion Products:

Section 6 ~ Accidental Release Measures

Personal Protective Equipment: Refer to section 8 for proper Personal Protective Equipment.
Spill: Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.
Waste Disposal: Dispose of in accordance with federal, state, and local regulations. Do not reuse container and recycle or place in trash collection. Drums and pails should be offered for recycling.
RCRA Status: Product should be fully characterized prior to disposal (40 CFR 261).

Section 7 ~ Handling and Storage

Handling and Storage: Store in a cool, dry area away from extremes of temperature. Keep container tightly sealed when not in use. Store locked up.
Other Precautions:
Incompatibility: Strong alkalis, strong oxidizing agents.

Section 8 ~ Exposure Controls/Personal Protection

Hazardous Ingredient	OSHA PEL	ACGIH TLV
Phosphoric Acid	1 mg/m ³	1 mg/m ³
Citric Acid, Anhydrous	Not Established	Not Established

Engineering Controls / Ventilation: Provide adequate ventilation to keep vapor concentration below TLV.
Respiratory Protection: Wear NIOSH/MSHA approved organic vapor respiratory protection if exposure limits are exceeded.
Personal Protective Equipment: Safety glasses and chemical resistant gloves
Additional Measures: Wash hands and clothing in contact with product after use.

Section 9 ~ Physical Chemical Properties

Appearance: Turbid, Red Liquid	Evaporation Rate: < 0.8 (Slow)
Odor: Acid odor	Specific Gravity (H₂O=1): 1.43 @ 77°F (25°C)
Odor Threshold: N/D	pH: <1
Boiling Point: N/D	Solids (%): N/D
Freezing Point: < 32°F (0°C)	Solubility in Water: 100%
Flammability: Not considered a flammable liquid by OSHA (29CFR 1910.1200)	Partition Coefficient: n-OCTANOL/WATER (KOW): N/D
Flash Point: N/D	Volatility Including Water (%): 25%
Autoignition Temperature: N/D	Volatile Organic Compounds (VOC): 0%
Lower Flammability Limit: N/D	Dielectric Strength (Volts): N/A
Upper Flammability Limit: N/D	Decomposition Temperature: N/D
Vapor Pressure (mm Hg): 23.8 mmHg @ 77°F (25°C)	Viscosity: N/D
Vapor Density (AIR=1): 1	

Section 10 ~ Stability and Reactivity

Reactivity: Chemically active metals and bases.

Chemical Stability: Stable

Conditions to Avoid: Chlorine liberating material. Do not mix with bases, ammonia or other cleaning compounds.

Incompatibility: Strong alkalis, strong oxidizing agents.

Hazardous Decomposition or By-Product: Oxides of Carbon and Acid mist.

Possible Hazardous Reactions: None Known

Section 11 ~ Toxicological Information

Toxicological Information: Phosphoric Acid (7664-38-4) LD50 (Oral, Rat) 4,400 mg/kg; LD50 (Dermal, Rabbit) > 3,160 mg/kg

Routes of Entry: Eyes, Ingestion, Inhalation, Skin

Eyes: Causes severe burns, stinging, redness, tearing, swelling, and may cause corneal damage, blindness. Burning may not be immediately painful or visible.

Ingestion: Causes gastrointestinal irritation, nausea, vomiting, abdominal cramps.

Inhalation: Causes irritation to the respiratory tract, coughing, shortness of breath.

Skin: Causes burns to all living tissue.

Medical Condition Aggravated: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

Acute Health Hazards: Causes severe burns.

Chronic Health Hazards: Skin disorders, drying and irritation of the skin.

Carcinogenicity: OSHA: No ACGIH: No NTP: No IARC: No OTHER: No

Section 12 ~ Ecological Information

Ecological Information: Not Established

Biodegradability: This product is biodegradable.

Bioaccumulation: This product is not expected to bioaccumulate.

Soil Mobility: This product is mobile in soil.

Other Ecological Hazards: None Known

Section 13 ~ Disposal Considerations

Waste Disposal: Dispose of in accordance with federal, state, and local regulations. Do not reuse container and recycle or place in trash collection. Drums and pails should be offered for recycling.

RCRA Status: Product should be fully characterized prior to disposal (40 CFR 261).

Section 14 ~ Transportation Information

Proper Shipping Name: Phosphoric acid solution

Hazard Class/Division: 8

UN/NA Number: UN 1805

Packaging Group: III

Air Shipment

Proper Shipping Name: Phosphoric acid solution

Hazard Class/Division: 8

UN/NA Number: UN 1805

Shipping by Water: Vessel (IMO/IMDG)

Proper Shipping Name: Phosphoric acid solution

Hazard Class/Division: 8

UN/NA Number: UN 1805

Environmental Hazards Water: N/A

Section 15 ~ Regulatory Information

TSCA Status: All chemicals are listed or exempt.

CERCLA (Comprehensive Response Compensation, and Liability Act): Phosphoric Acid (7664-38-4) Reportable Quantity = 5,000 lbs

SARA 311/312 Hazard Categories: Acute Health, Chronic Health.

SARA 313 Reportable Ingredients: Phosphoric Acid (7664-38-2)

State Regulations: California Proposition 65: None

International Regulations: All components are listed or exempted.

Section 16 ~ Other Information

	NFPA	HMIS	Key
HEALTH	3	3	4= Severe
FLAMMABILITY	0	0	3= Serious
REACTIVITY	0	0	2= Moderate
OTHER/PROTECTION	None	B	1= Slight
			0= Minimal

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