

## Section 1 ~ Identification

<b>Identity (As Used On Label and List)</b> <b>B5192 MEGA FLOW PODS</b>	<b>Date Prepared:</b> 08-22-2017
<b>Company Information:</b> OMEGA INDUSTRIAL SUPPLY, INC	<b>Emergency Telephone Number:</b> 1-800-424-9300
<b>Address (Number, Street, Suite/Apt#)</b> 101 Grobric Ct #1	<b>Telephone Number for Information:</b> 1-800-571-7347
<b>(City, State, and Zip Code)</b> Fairfield, CA 94534	<b>Signature of Prepare (Optional)</b> REGULATORY DEPT.

## Section 2 ~ Hazard(s) Identification

**Classifications** Acute toxicity - Oral Category 4 Serious eye damage/eye irritation Category 1  
Acute toxicity - Inhalation (Dusts/Mists) Category 4 Respiratory sensitization Category 1

**Appearance:** White **Physical State:** Powder(s) Solid **Odor:** Fresh

### GHS Label Elements Including Precautionary Statements

**Danger**



**Hazard Statement** Harmful if swallowed. Harmful if inhaled. Causes serious eye damage. May cause allergy or asthma symptoms or breathing difficulties if inhaled

### Precautionary Statement

**Prevention** Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wear eye protection/ face protection. In case of inadequate ventilation wear respiratory protection

**Response** **If in Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor. **If Inhaled:** Remove person to fresh air and keep comfortable for breathing If experiencing respiratory symptoms: Call a POISON CENTER or doctor. **If Swallowed:** Call a POISON CENTER or doctor if you feel unwell Rinse mouth.

**Disposal** Dispose of contents/container to an approved waste disposal plant

**Other Information** Toxic to aquatic life with long lasting effects.

**Unknown Acute Toxicity**

- 99.35 % of the mixture consists of ingredient(s) of unknown toxicity
- 39.35 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 99.35 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 99.35 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 99.35 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 69.35 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

## Section 3 ~ Composition/Information on Ingredients

**Substance:** Not applicable.

**Mixture:**

Hazardous Ingredients	CAS No.	Percent	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Sodium carbonate peroxide	15630-89-4	30	-	-
Sodium Carbonate	497-19-8	30	-	-
Subtilisin	9014-01-1	0.15	-	-

## Section 4 ~ First Aid Measures

**General Advice:** Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

**Inhalation:** Remove to fresh air. May cause allergic respiratory reaction. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Get immediate medical advice/attention.

**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get immediate medical advice/attention.

**Skin Contact:** Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

**Ingestion:** Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. May produce an allergic reaction. Get immediate medical advice/attention.

**Self-protection of the First Aider:** Avoid contact with skin, eyes or clothing. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. See section 8 for more information. Avoid breathing dust/fume/gas/mist/vapors/spray.

### Most Important Symptoms and Effects, Both Acute and Delayed

**Symptoms:** Burning sensation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Coughing and/ or wheezing. Itching. Rashes. Hives. Difficulty in breathing.

### Indication of Any Immediate Medical Attention and Special Treatment Needed

**Note to Physicians:** May cause sensitization in susceptible persons. Treat symptomatically.

## Section 5 ~ Fire Fighting Measures

**Suitable Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media:** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical:** Product is or contains a sensitizer. May cause sensitization by inhalation and skin contact.

**Hazardous Combustion Products:** Carbon oxides.

### Explosion Data

**Sensitivity to Mechanical Impact:** None.

**Sensitivity to Static Discharge:** None.

**Special Protective Equipment for Fire-Fighters:** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## Section 6 ~ Accidental Release Measures

### Personal Precautions, Protective Equipment and Emergency Procedures

**Personal Precautions:** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Avoid generation of dust. Do not breathe dust.

**Other Information:** Refer to protective measures listed in Sections 7 and 8.

**Methods and Material for Containment and Cleaning Up**

**Methods for Containment:** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up:** Pick up and transfer to properly labeled containers.

**Section 7 ~ Handling and Storage**

**Precautions for Safe Handling**

**Advice on Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Provide extract ventilation to points where emissions occur. In case of insufficient ventilation, wear suitable respiratory equipment. Remove contaminated clothing and shoes. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid generation of dust.

**Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store locked up.

**Section 8 ~ Exposure Controls/Personal Protection**

**Control Parameters**

**Exposure Limits**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Subtilisin 9014-01-1	Ceiling: 0.00006 mg/m3 as crystalline active enzyme	(vacated) STEL: 0.00006 mg/m3 60 min	STEL: 0.00006 mg/m3 60 min Subtilisins
<b>Chemical Name</b>	<b>Alberta</b>	<b>British Columbia</b>	<b>Ontario TWA/EV</b>
Subtilisin 9014-01-1	Ceiling: 0.00006 mg/m3	Ceiling: 0.00006 mg/m3	CEV: 0.00006 mg/m3
			<b>Quebec</b>
			Ceiling: 0.00006 mg/m3

**Other Exposure Guidelines:** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate Engineering Controls:** Engineering controls. Showers Eyewash stations Ventilation systems.

**Individual Protection Measures, Such as Personal Protective Equipment**

**Eye/Face Protection:** Tight sealing safety goggles.

**Hand Protection:** Wear suitable gloves.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General Hygiene Considerations:** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Avoid breathing dust/fume/gas/mist/vapors/spray.

**Section 9 ~ Physical and Chemical Properties**

**Physical and Chemical Properties**

**Physical State:** Powder(s); Solid

**Appearance:** White

**Odor:** Fresh

**Color:** No information available

**Odor Threshold:** Not applicable

Property	Values	Remarks Method
<b>pH</b>	No data available	None known
<b>Melting / Freezing Point</b>	No data available	None known
<b>Boiling Point / Boiling Range</b>	No data available	None known
<b>Flash Point</b>	No data available	None known
<b>Evaporation Rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper Flammability Limit</b>	No data available	
<b>Lower Flammability Limit</b>	No data available	
<b>Vapor Pressure</b>	No data available	None known
<b>Vapor Density</b>	No data available	None known
<b>Relative Density</b>	No data available	None known
<b>Water Solubility</b>	Soluble in water	
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	Not applicable	
<b>Autoignition Temperature</b>	No data available	None known
<b>Decomposition Temperature</b>	No data available	None known
<b>Kinematic Viscosity</b>	No data available	None known
<b>Dynamic Viscosity</b>	No data available	None known
<b>Other Information</b>		
<b>Explosive Properties</b>	No information available	
<b>Oxidizing Properties</b>	No information available	
<b>Softening Point</b>	No information available	
<b>Molecular Weight</b>	No information available	
<b>VOC Content (%)</b>	No information available	
<b>Liquid Density</b>	No information available	
<b>Bulk Density</b>	No information available	
<b>Particle Size</b>	No information available	
<b>Particle Size</b>	Distribution	No information available

**Section 10 ~ Stability and Reactivity**

**Reactivity:** No information available.

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** None under normal processing.

**Hazardous Polymerization:** Hazardous polymerization does not occur.

**Conditions to Avoid:** Excessive heat.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon oxides.

**Section 11 ~ Toxicological Information**

**Information on Likely Routes of Exposure**

**Product Information**

**Inhalation:** Specific test data for the substance or mixture is not available. May cause sensitization in susceptible persons. (based on components). Harmful by inhalation.

**Eye Contact:** Specific test data for the substance or mixture is not available. Severely irritating to eyes. Causes serious eye damage. (based on components). May cause burns. May cause irreversible damage to eyes.

**Skin Contact:** Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). May cause irritation.

**Ingestion:** Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause additional affects as listed under "Inhalation". Harmful if swallowed. (based on components).

**Information on Toxicological Effects**

**Symptoms:** Redness. Burning. May cause blindness. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing. Coughing and/ or wheezing.

**Numerical Measures of Toxicity**

**Acute Toxicity**

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 1,669.00 mg/kg  
ATEmix (inhalation-dust/mist) 1.18 mg/L

**Unknown Acute Toxicity**

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- 39.35 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
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- 99.35 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 99.35 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 69.35 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Carbonate Peroxide	= 1034 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-
Sodium Carbonate	= 4090 mg/kg ( Rat )	-	= 2300 mg/m3 ( Rat ) 2 h
Subtilisin	= 3700 mg/kg ( Rat )	-	-

**Delayed and Immediate Effects as Well as Chronic Effects from Short and Long-Term Exposure**

**Skin Corrosion/Irritation:** May cause skin irritation.

**Serious Eye Damage/Eye Irritation:** Classification based on data available for ingredients. Causes burns. Risk of serious damage to eyes.

**Respiratory or Skin Sensitization:** May cause sensitization by inhalation.

**Germ Cell Mutagenicity:** No information available.

**Carcinogenicity:** No information available.

**Reproductive Toxicity:** No information available.

**STOT - Single Exposure:** No information available.

**STOT - Repeated Exposure:** No information available.

**Aspiration Hazard:** No information available.

**Section 12 ~ Ecological Information**

**Ecotoxicity:** Toxic to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Sodium Carbonate Peroxide	240h EC50: = 70 mg/L (Chlorella emersonii)	96h LC50: = 70.7 mg/L (Pimephales promelas)	-	48h EC50: = 4.9 mg/L
Sodium Carbonate	120h EC50: = 242 mg/L (Nitzschia)	96h LC50: = 300 mg/L (Lepomis macrochirus) 96h LC50: 310 – 1220 mg/L (Pimephales promelas)	-	48h EC50: = 265 mg/L

**Persistence and Degradability:** No information available.

**Bioaccumulation:** There is no data for this product.

**Mobility:** No information available.

**Other Adverse Effects:** No information available.

**Section 13 ~ Disposal Considerations**

**Waste Treatment Methods**

**Waste from Residues/Unused Products:** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated Packaging:** Do not reuse empty containers.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Sodium carbonate peroxide	15630-89-4 Ignitable
Sodium carbonate	497-19-8 Corrosive

**Section 14 ~ Transportation Information**

DOT NOT REGULATED

Proper Shipping Name: NON-REGULATED

Hazard Class: N/A

TDG: Not regulated

MEX: Not regulated

ICAO: Not regulated

IATA: Not regulated

Proper Shipping Name: NON REGULATED

Hazard Class: N/A

IMDG/I MO: Not regulated

Hazard Class: N/A

RID: Not regulated

ADR: Not regulated

ADN: Not regulated

**Section 15 ~ Regulatory Information**

**Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture**

**International Regulations**

**Ozone-depleting substances (ODS):** Not applicable

**Persistent Organic Pollutants:** Not applicable

**Export Notification requirements:** Not applicable

**International Inventories**

**TSCA** Contact supplier for inventory compliance status.

**DSL/NDSL** Contact supplier for inventory compliance status.

**EINECS/ELINCS** Contact supplier for inventory compliance status.

**ENCS** Contact supplier for inventory compliance status.

**KECL** Contact supplier for inventory compliance status.

**PICCS** Contact supplier for inventory compliance status.

**AICS** Contact supplier for inventory compliance status.

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**Acute Health Hazard** Yes  
**Chronic Health Hazard** Yes  
**Fire Hazard** No

**Sudden Release of Pressure Hazard** No

**Reactive Hazard** No

**CWA (Clean Water Act):** This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA:** This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65:** This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations:** This product does not contain any substances above threshold limits that are regulated by state right-to-know.

**Section 16 ~ Other Information**

	NFPA	HMIS	Key
HEALTH	3	3*	4= Severe
FLAMMABILITY	0	0	3= Serious
REACTIVITY	0	0	2= Moderate
OTHER/PROTECTION	-	X	1= Slight
			0= Minimal

**Chronic Hazard Star Legend** \* = Chronic Health Hazard

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