



### SECTION 1 - Chemical Product and Company Identification

#### 1.1 Product Identifiers

Product Name : Sodium Decanoate  
CAS# : 1002-62-6  
EC# : 213-688-4

#### 1.2 Recommended Use of the Chemical and Restrictions of Use

Chemical manufacturing

#### 1.3 Supplier Details

Supplier : BioSpectra, Inc.  
100 Majestic Way  
Bangor, PA 18013  
T: 610.599.3400  
[ehs@biospectra.us](mailto:ehs@biospectra.us)

#### 1.4 Emergency Numbers

Emergency Numbers : US & Canada: 1-800-424-9300  
: Outside the US & Canada: +1 703-527-3887

### SECTION 2 - Hazards Identification

#### 2.1 Classification of Substance or Mixture

Not a hazardous substance or mixture

#### 2.2 GHS & EC Label Elements Including Precautionary Statements

Not a hazardous substance or mixture

#### 2.3 Hazards not Classified or not Covered by the GHS

None

### SECTION 3 - Composition, Information on Ingredients

#### 3.1 Substance

Component	Classification	Concentration
Sodium Decanoate	NA	>99%

Synonyms : Capric Acid, sodium salt, Sodium Caprate, Sodium Caprylate  
Molecular Formula : C<sub>10</sub>H<sub>19</sub>NaO<sub>2</sub>  
Molecular Weight : 194.25g/mol.

### SECTION 4 - First Aid Measures

#### 4.1 Description of Necessary First Aid Measures

General Advice : Treat symptomatically. If feeling unwell, consult a physician  
Eyes : Immediately flush eyes with tepid water for at least 15 minutes, occasionally lifting the upper and lower lids.  
Skin : Remove contaminated clothing. Wash with tepid water.  
Ingestion : Do not induce vomiting unless instructed to do so by medical personnel. Never

Inhalation : give anything by mouth to an unconscious person. Rinse mouth out with water. Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

#### 4.2 Most Important Symptoms/Effects, Acute and Delayed

Refer to Section 2.2 for Precautionary Statements if any are applicable

#### 4.3 Indication of Immediate Medical Attention and Special Treatment

No information available

### SECTION 5 - Firefighting Measures

#### 5.1 Extinguishing Media

Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### 5.2 Specific Hazards Associated with this Chemical

Hazardous decomposition products: Carbon oxides, sodium oxides (NaOx)

#### 5.3 Special Equipment/Precautions for Firefighters

May be combustible at high temperatures. As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source. In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Explosion will appear as fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

#### 5.4 Other Information

None available.

### SECTION 6 - Accidental Release Measures

#### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Avoid dust formation. Ensure adequate ventilation. Avoid breathing vapours/dust. Use proper personal protective equipment as indicated in Section 8.

#### 6.2 Environmental Precautions

Do not allow to enter drains

#### 6.3 Methods and Materials for Containment and Cleaning Up

Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Avoid generating dusty conditions.

#### 6.4 Other Information

None available

### SECTION 7 - Handling and Storage

#### 7.1 Precautions for Safe Handling

Avoid dust formation; the potential for combustible dust should be taken into consideration. Wash thoroughly after handling. Use with adequate ventilation.

#### 7.2 Conditions for Storage Including any Incompatibilities

Store in a tightly closed container in a dry, well-ventilated area away from incompatible substances.

Recommended Storage Temperature 2 – 8 °C

#### 7.3 Other Information

No information available.

### SECTION 8 - Exposure Controls, Personal Protection

### 8.1 Control Parameters

Chemical does not contain any substances with occupational exposure limits.

### 8.2 Engineering Controls

Use adequate ventilation to keep airborne concentrations low. General Industrial hygiene practice.

### 8.3 Personal Protective Equipment

#### Eyes

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

#### Skin

Wear appropriate protective gloves to prevent skin exposure. Wear impervious gloves: Nitrile rubber with layer thickness 0.11 mm.

#### Clothing

Wear appropriate protective clothing to prevent skin exposure.

#### Respirators

Where protection from nuisance levels of dusts are desired, use type N95(US) or type P1 (EN 143) dust masks. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

## Section 9 - Physical and Chemical Properties

Physical State	: Solid
Appearance	: White
Odor	: No data
pH	: No data
Vapor Pressure	: No data
Vapor Density	: No data
Viscosity	: No data
Melting Point	: 240 °C (>464°F)
Initial Boiling Point Temperature	: No data
Flash Point	: No data
Bulk Density	: No data
Water Solubility	: Soluble
Decomposition Temperature	: No data
Relative Density	: No data

## Section 10 - Stability and Reactivity

### 10.1 Chemical Stability

Stable under normal temperatures and pressures.

### 10.2 Conditions to Avoid

Not Available.

### 10.3 Incompatibilities with Other Materials

Strong oxidizing agents

### 10.4 Hazardous Decomposition Products

Not available

### 10.5 Hazardous Polymerization

Will not occur.

## SECTION 11 - Toxicological Information

### 11.1 Toxicological Effects

#### Acute Toxicity

LD50 Oral	: No data available
Carcinogenicity	: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
Epidemiology	: No data available
Teratogenicity	: No data available
Reproductive Effects	: No data available
Neurotoxicity	: No data available
Mutagenicity	: No data available
Other Studies	: No data available

### 11.2 Additional Information

RTECS # : HE0200000

To the best of our knowledge the associated physical, chemical and toxicological properties of this chemical have not undergone thorough investigation, all known information is contained in this SDS.

## SECTION 12 - Ecological Information

### 12.1 Ecotoxicity

No information available

### 12.2 Persistence and Degradability

No information available

### 12.3 Bioaccumulative Potential

No information available

### 12.4 Mobility in Soil

No information available

### 12.5 Results of PBT and vPvB Assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

### 12.6 Other Adverse Effects

Avoid discharge to the environment

## SECTION 13 - Disposal Considerations

Dispose of in a manner consistent with Federal, State, and Local Regulations.

## SECTION 14 - Transport Information

Regulations	US DOT	ADR	IATA	IMDG
Shipping Name	Not Dangerous Goods	Not Dangerous Goods	Not Dangerous Goods	Not Dangerous Goods
Hazard Class				
UN Number				
Packing Group				

## SECTION 15 - Regulatory Information

### 15.1 EHS Chemical Specific Regulations

#### SARA:

Section 302 (RQ)	: Not Listed
Section 302 (TPQ)	: Not Listed
Section 313	: Not Listed

SARA 311/312 Hazards : Not Listed  
TSCA Inventory : Listed

**STATE SPECIFIC:**

Massachusetts Right To Know Components : No components are subject to the Massachusetts Right to Know Act.  
Pennsylvania Right To Know Components : No components are subject to the Pennsylvania Right to Know Act.  
New Jersey Right To Know Components : No components are subject to the New Jersey Right to Know Act.  
California Prop. 65 Components : No Significant Risk Level: None of the chemicals in this product are listed.

**SECTION 16 - Additional Information**

**16.1 Hazard Ratings**

**HMIS Rating**

Health Hazard	0
Flammability	0
Physical Hazard	0

**NFPA Rating**

Health Hazard	0
Fire Hazard	0
Reactivity Hazard	0

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