


## SAFETY DATA SHEET

### NaSure® 06 Liquid Natural Rosemary Extract

#### SECTION 1: IDENTIFICATION

- 1.1. Product Identifier**
- Product Form:** Liquid  
**Product Name:** NaSure® 06  
**Synonyms:** Not applicable
- 1.2. Intended Use of the Product**
- Use of the Substance/ Mixture:** Food Grade Antioxidant
- 1.3. Name, Address and Telephone of the Responsible party**
- CFS North America, LLC  
 3179 99<sup>th</sup> Street  
 Urbandale, IA 50322  
 (515) 278-1559
- 1.4. Emergency Telephone Number**
- Emergency Number** Chemtrec 1-800-424-9300

#### SECTION 2: HAZARDS IDENTIFICATION

- 2.1. Classification of the Substance or Mixture**
- GHS-US Classification** H320- Eye Irritation (Category 2B)  
 H317- Skin Irritant (Category 1B)
- 2.2. Label Elements (GHS-US Labeling)**
- Hazard Pictograms (GHS-US)**
- 
- Signal Word (GHS-US)** Warning
- Hazard Statements (GHS-US)** H305: May be harmful if swallowed and enters airways  
 H317: May cause an allergic skin reaction  
 H320: Causes eye irritation  
 H335: May cause respiratory irritation
- Precautionary Statements (GHS-US)** P261- Avoid breathing dust, fume, gas, mist spray, vapors  
 P280- Wear protective gloves/protective clothing/eye protection/face protection/respiratory protection  
 P302+P352+P362+P364- IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse.  
 P305+P351+P338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313- If eye irritation persists. Get medical advice/attention.

|   |  |
|---|--|
|   | P304+340- IF INHALED: Remove person to fresh air and keep comfortable for breathing          |
|   | P301+P330+P312- If swallowed: Rinse mouth. Call a doctor, a POISON CENTER if you feel unwell |
|   | P403+P233- Store in a well-ventilated place. Keep container tightly closed                   |
|   | P321- Specific treatment (see supplemental treatment on this label).                         |
| <b>2.3. Other Hazards</b>                   | No other information available   |
| <b>2.4. Unknown Acute Toxicity (GHS-US)</b> | Not available  |

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substance

#### 3.2. Mixture

| Name                    | CAS No     | %   |
|-------------------------|------------|-----|
| Rosemary Extract        | 84604-14-8 | N/A |
| Carrier (Vegetable Oil) | ---        | N/A |

### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of First-aid Measures

|   |  |
|---|--|
| <b>First-aid Measures General:</b>            | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.   |
| <b>First-aid Measures After Inhalation:</b>   | Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.   |
| <b>First-aid Measures After Skin Contact:</b> | After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing. |
| <b>First-aid Measures After Eye Contact:</b>  | Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical attention.  |
| <b>First-aid Measures After Ingestion:</b>    | Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.  |

#### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

|   |                   |
|---|-------------------|
| <b>Symptoms/Injuries:</b>                     | No data available |
| <b>Symptoms/ Injuries After Inhalation:</b>   | No data available |
| <b>Symptoms/ Injuries After Skin Contact:</b> | No data available |
| <b>Symptoms/ Injuries After Eye Contact:</b>  | No data available |
| <b>Symptoms/ Injuries After Ingestion:</b>    | No data available |

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

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

- Suitable Extinguishing Media:** Water spray, carbon dioxide or dry chemical fire extinguisher  
**Unsuitable Extinguishing Media:** No unsuitable extinguishing media known. Do not use water jet as this may spread fire.

### 5.2. Special Hazards Arising from the Substance or Mixture

- Fire Hazard:** Fire hazards in presence of various substances: Not available.  
**Explosion Hazard:** Risks of explosion of the product in presence of mechanical impact: Not available. Risk of explosion of the product in presence of static discharge: Not available.  
**Reactivity:** During fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

### 5.3. Advice for Firefighters

- Precautionary Measures Fire:** Use standard firefighting procedures and consider the hazards of other materials in the vicinity.  
**Firefighting Instructions:** Small fire: Use DRY chemical powder.  
Large fire: Use water spray, fog or foam. Do not use water jet.  
**Protection During Firefighting:** As in any fire, wear a self-contained breathing apparatus in pressure demand, MSHA/NIOSH (approved or equivalent) and full protective gear.  
**Hazardous Combustion Products:** Not available  
**Other Information:** No additional information

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

- General Measures:** Keep unnecessary personnel away of the spill or leak. Wear appropriate personal protective equipment. Local authorities should be contacted if significant spillage cannot be contained.

#### 6.1.1. For Non-Emergency Personnel

- Protective Equipment:** Use appropriate protective equipment.  
**Emergency Procedures:** Stop the flow of material if it is safe to do so. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

#### 6.1.2 For Emergency Personnel

- Protective Equipment:** Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Wear appropriate protective clothing while cleaning spilled material or touching damaged containers.  
**Emergency Procedures:** For small spills, use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. For large spills, use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

### 6.2. Environmental Precautions

- Prevent runoff from entering drains, sewers or streams.

### 6.3. Methods and Materials for Containment and Cleaning UP

**For Containment:** Stop the flow of material, if this is without risk.  
**Methods for Cleaning Up:** For small spills, use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. For large spills, use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

6.4. Reference to Other Sections Not available

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Additional Hazards When Processed:** Not available

**Precautions for Safe Handling:** Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Avoid ingestion or inhalation. Wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible.

**Hygiene Measures:** Avoid contact with skin and eyes. Wear protective clothing, safety glasses or goggles. With insufficient ventilation: wear respiratory protection. After handling, wash hands thoroughly with soap and water. Do not eat, drink or smoke while handling the product.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Keep in a cool place at around 15-20°C. Ground all equipment containing material. Keep container tightly closed when not in use. Keep in a cool, well-ventilated place. Empty containers pose a fire risk, evaporate the residue under a fume hood.

**Storage Conditions:** Keep container dry. When opened, store at 15-20°C away from moisture, oxidizing agents and alkaline atmosphere.

**Incompatible Products:** Combustible materials should be stored away from extreme heat and away from strong oxidizing agents and alkaline atmosphere.

7.3. Specific End Use (s) Not available

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

OSHA Vegetable oil mist

PEL: TWA 15 mg/m<sup>3</sup>

Respirable fraction: 5 mg/m<sup>3</sup>

ACGIH Vegetable oil mist

TWA 10 mg/m<sup>3</sup>

**Personnel Protective Equipment**

Wear protective clothing. Wear safety glasses or goggles. With insufficient ventilation: wear respiratory protection.

**Materials for Protective Clothing**

|  |  |
|--|--|
| <b>Hand Protection</b>                 | Wear protective gloves. Contact glove manufacturer for specific information.   |
| <b>Eye Protection</b>                  | Wear safety glasses with side shields (or goggles)   |
| <b>Skin and Body Protection</b>        | Wear chemical-resistant gloves and protective clothing appropriate for the risk of exposure. Contact glove manufacturer for specific information.  |
| <b>Respiratory Protection</b>          | If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. Use NIOSH/MSHA approved respirator where ventilation is insufficient.  |
| <b>Environmental Exposure Controls</b> | Eye bath, washing facilities   |
| <b>Other Information</b>               | Use good hygiene practices. Wash face and hands before eating, drinking and smoking. Eye wash and safety showers should be readily available. Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited. Wash hands and face before breaks and immediately after handling product. |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

|   |  |
|---|--|
| <b>Physical State</b>                         | Liquid                                     |
| <b>Appearance</b>                             | Light Reddish Brown to Dark Reddish Brown  |
| <b>Odor</b>                                   | Typical vegetable oil                      |
| <b>Odor Threshold</b>                         | Not available                              |
| <b>Ph</b>                                     | Not available                              |
| <b>Evaporation Rate</b>                       | Not available                              |
| <b>Melting Point</b>                          | Not available                              |
| <b>Freezing Point</b>                         | Not available                              |
| <b>Boiling Point</b>                          | Not available                              |
| <b>Flash Point (estimated)</b>                | Not available                              |
| <b>Auto-ignition Temperature</b>              | Not available                              |
| <b>Decomposition Temperature</b>              | Not available                              |
| <b>Flammability (solid, gas)</b>              | Not available                              |
| <b>Vapor Pressure</b>                         | Not available                              |
| <b>Relative Vapor Density at 20°C</b>         | Not available                              |
| <b>Relative Density</b>                       | Not available                              |
| <b>Specific Gravity at 25°C</b>               | 0.92 – 0.96                                |
| <b>Solubility</b>                             | Soluble in oil and fat, Insoluble in water |
| <b>Partition Coefficient: N-Octanol/Water</b> | Not available                              |
| <b>Viscosity at 25°C</b>                      | 50 – 100 cP                                |

### 9.2. Other Information

## SECTION 10: STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>10.1. Reactivity:</b>                         |  |
| <b>10.2. Chemical Stability:</b>                 | Stable under normal temperatures and pressures |
| <b>10.3. Possibility of Hazardous Reactions:</b> | Has not been reported                          |
| <b>10.4. Conditions to Avoid:</b>                | Incompatible materials, light, strong oxidants |
| <b>10.5. Incompatible Materials:</b>             | Strong oxidizing agents                        |

**10.6. Hazardous Decomposition Products:** Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects

|   |  |
|---|--|
| <b>Acute Toxicity:</b>                                  | Toxicity data for one or more components of this product are contained in individual safety data sheets which are available on request. Expected to be a low ingestion hazard. |
| <b>Skin Corrosion/Irritation:</b>                       | Causes irritation. Has a low potential to cause allergic skin reactions, however, cases of human skin sensitization have been reported.  |
| <b>Serious Eye Damage/Irritation:</b>                   | Causes irritation.   |
| <b>Skin Sensitization:</b>                              | Causes irritation. This material has a low potential to cause allergic skin reactions, however, cases of human skin sensitization have been reported.                          |
| <b>Respiratory/Irritation</b>                           | Low hazard for usual industrial handling or commercial handling by trained personnel.  |
| <b>Germ Cell Mutagenicity:</b>                          | No data available to indicated product or any components present at greater than 0.1% are mutagenic or genotoxic.  |
| <b>Carcinogenicity:</b>                                 | This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA  |
| <b>Reproductive Toxicity:</b>                           | This product is not expected to cause reproductive or developmental effects.   |
| <b>Specific Target Organ Toxicity (Single Exposure)</b> | Not classified   |
| <b>Specific Organ Toxicity (Repeated Exposure)</b>      | Not classified   |
| <b>Aspiration Hazard:</b>                               | Not classified   |
| <b>Symptoms/Injuries After Inhalation:</b>              | See section 4.   |
| <b>Symptoms/Injuries After Skin Contact:</b>            | See section 4.   |
| <b>Symptoms/Injuries After Eye Contact:</b>             | See section 4.   |
| <b>Symptoms/Injuries After Ingestion:</b>               | See section 4.   |
| <b>Chronic Symptoms:</b>                                | Repeated or prolonged exposure is not known to aggravate medical condition.  |

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecology- General** Data for the major components of this material have been used to estimate the environmental impact of this material. It is expected to have the following properties: a high biochemical oxygen demand and a potential to cause oxygen depletion in aqueous systems, a high potential to affect some aquatic organisms, a moderate potential to affect the germination and/or early growth of some plants, a low potential to affect the growth of some plant seedlings. After dilution with a large amount of water, followed by secondary waste treatment, this material is not expected to cause adverse environmental effects.

### 12.2. Persistence and Degradability

No data available

|       |                                  |   |
|-------|----------------------------------|---|
| 12.3. | <b>Bioaccumulative Potential</b> | No data available   |
| 12.4. | <b>Mobility in Soil</b>          | No data available   |
| 12.5. | <b>Other Adverse Effects</b>     |   |
|       | <b>Other Information</b>         | An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. |

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste Treatment Methods

**Waste Disposal Recommendations:** Discharge, treatment, or disposal may be subject to national, state or local laws. Incinerate. Since emptied container retain product residue, follow label warnings even after container is emptied.

**Additional Information:** Not listed as a material banned from land disposal according to RCRA

**Ecology- Waste Materials:** Avoid release to the environment

## SECTION 14: TRANSPORT INFORMATION

|       |                                |                                       |
|-------|--------------------------------|---------------------------------------|
| 14.1. | <b>In Accordance with DOT</b>  | Not regulated as a hazardous material |
| 14.2. | <b>In Accordance with IMDG</b> | Not regulated as a hazardous material |
| 14.3. | <b>In Accordance with IATA</b> | Not regulated as a hazardous material |

## SECTION 15: REGULATORY INFORMATION

### 15.1. US Federal Regulations

|  |   |            |
|--|---|------------|
|  | <b>TSCA Section 8(b) Inventory</b>  | Not listed |
|  | <b>TSCA Section 12(b) Export Notification (40 CFR 707, Subpt.D)</b>                     | Listed     |
|  | <b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>                                   | Not listed |
|  | <b>SARA 304 Emergency Release Notification</b>  | Not listed |
|  | <b>SARA 302 Extremely Hazardous Substance</b>   | Not listed |
|  | <b>SARA 311/312 Hazardous Chemicals</b>   | Not listed |
|  | <b>SARA 313 (TRI reporting)</b>   | Not listed |
|  | <b>Superfund Amendments and Reauthorization Act of 1986 (SARA)</b>                      | Not listed |
|  | <b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>                   | Not listed |
|  | <b>Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68-130)</b> | Not listed |
|  | <b>Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List</b>             | Not listed |
|  | <b>Safe Drinking Water Act (SDWA)</b>   | Not listed |

### 15.2. US State Regulations

|  |   |            |
|--|---|------------|
|  | <b>Massachusetts Right to Know Hazardous Substance List</b> | Not listed |
|  | <b>New Jersey Right to Know Hazardous Substance List</b>    | Not listed |
|  | <b>Pennsylvania Right to Know Hazardous Substance List</b>  | Not listed |
|  | <b>Rhode Island Right to Know Hazardous Substance List</b>  | Not listed |

### 15.3. International Inventories

**Canada:** Domestic Substances List (DSL): Listed

#### 15.4 Other Information

**Canada:** Non-Domestic Substances List (NDSL): Not listed  
**US and Puerto Rico:** Toxic Substances Control Act (TSCA)  
Inventory: Not listed  
This product is permitted under existing FDA regulations for use as a direct (or an indirect) food additive.  
Applicable FDA regulations:  
Rosemary extract 21 CFR 182.10

### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Date of Revision:** 07/20/2020

**Date of Issue:** 11/02/2015

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability to any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall Camlin be liable for any claims, losses or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, however arising, even if Camlin has been advised of the possibility of such damages.