


SAFETY DATA SHEET

NaSure® 58 Dry Natural Extract

SECTION 1: IDENTIFICATION

- 1.1. Product Identifier**
- Product Form:** Powder
Product Name: NaSure® 58
Synonyms:
- 1.2. Intended Use of the Product** Antioxidant (Food Grade)
- 1.3. Name, Address and Telephone of the Responsible party** **CFS North America, LLC**
 3179 99th 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)**
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- 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).
2.3. Other Hazards	No additional information available
2.4. Unknown Acute Toxicity (GHS-US)	Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

3.2. Mixture

Name	CAS No	%
Acerola Extract	223747-63-5	N/A
Carrier	N/A	N/A

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

First-aid Measures General:	Provide general supportive measures.
First-aid Measures After Inhalation:	Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
First-aid Measures After Skin Contact:	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.
First-aid Measures After Eye Contact:	Check for and remove any contact lenses. Do not use eye ointment. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid immediately.
First-aid Measures After Ingestion:	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

Symptoms/Injuries:	No additional information available
Symptoms/ Injuries After Inhalation:	No additional information available
Symptoms/ Injuries After Skin Contact:	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.
Symptoms/ Injuries After Eye Contact:	Severe eye irritation. Symptoms may include redness, swelling, watering, stinging and blurred vision.
Symptoms/ Injuries After Ingestion:	No additional information available

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

If irritation persists seek medical aid. Physicians: treat symptomatically and supportively.

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

During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Fire Hazard: May be combustible at high temperatures.

Explosion Hazard: Not available

Reactivity: Not available

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 and upwind 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: See section 8

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.

6.1.2 For Emergency Personnel

Protective Equipment: See section 8

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: wet down material before shoveling and disposing into a waste container. Dispose of according to local and regional authority requirements. Flush spill area with water.

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: 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 For disposal, see section 13

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: 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.

Precautions for Safe Handling: Wear suitable protective clothing in case of insufficient ventilation, wear suitable respiratory equipment if you feel unwell. Seek medical attention and show the label when possible. Avoid contact with skin and eyes.

Hygiene Measures: After handling, wash hands thoroughly with soap and water. Do not eat, drink or smoke while handling the product. Do not breathe dust.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Ground all equipment containing material.

Storage Conditions: Keep container dry. Keep in a cool place at around 15 – 20°C. Keep container tightly closed when not in use. Keep in a cool, well-ventilated place.

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters No data available

8.2. Exposure Controls

Appropriate Engineering Controls Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne level below recommended exposure limits.

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

Materials for Protective Clothing

Hand Protection	Wear protective gloves. Contact glove manufacturer for specific information.
Eye Protection	Wear safety glasses with side shields (or goggles)
Skin and Body Protection	Wear chemical-resistant gloves and protective clothing appropriate for the risk of exposure. Contact glove manufacturer for specific information.
Respiratory Protection	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.
Environmental Exposure Controls	Eye bath, washing facilities
Other Information	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

Physical State	Powder
Appearance	Light Tan to Dark Brown
Odor	Not available
Odor Threshold	Not available
pH	Not available
Evaporation Rate	Not available
Melting Point	Not available
Freezing Point	Not available
Boiling Point	Not available
Flash Point	Not available
Autoignition Temperature	Not available
Decomposition Temperature	Not available
Flammability (solid, gas)	Not available
Vapor Pressure	Not available
Relative Vapor Density at 20°C	Not available
Relative Density	Not available
Untapped Bulk Density (g/ml)	Not available
Tapped Bulk Density (g/ml)	Not available
Solubility	Soluble in water
Partition Coefficient: N-Octanol/Water	Not available
Viscosity (cP)	Not available

9.2. Other Information

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** The product is stable and non-reactive under normal conditions of use, storage and transport.
- 10.2. Chemical Stability:** Stable under normal temperatures and pressures.

10.3. Possibility of Hazardous Reactions:	Has not been reported
10.4. Conditions to Avoid:	Incompatible materials, light, strong oxidants.
10.5. Incompatible Materials:	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

Acute Toxicity:	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.
Skin Corrosion/Irritation:	Causes irritation. Has a low potential to cause allergic skin reactions, however, cases of human skin sensitization have been reported.
Serious Eye Damage/Irritation:	Causes irritation.
Skin Sensitization:	Causes irritation. This material has a low potential to cause allergic skin reactions, however, cases of human skin sensitization have been reported.
Respiratory/Irritation	Low hazard for usual industrial handling or commercial handling by trained personnel.
Germ Cell Mutagenicity:	No data available to indicated product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity:	This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA
Reproductive Toxicity:	This product is not expected to cause reproductive or developmental effects.
Specific Target Organ Toxicity (Single Exposure)	Not classified
Specific Organ Toxicity (Repeated Exposure)	Not classified
Aspiration Hazard:	Not classified
Symptoms/Injuries After Inhalation:	See section 4.
Symptoms/Injuries After Skin Contact:	See section 4.
Symptoms/Injuries After Eye Contact:	See section 4.
Symptoms/Injuries After Ingestion:	See section 4.
Chronic Symptoms:	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.
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		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. Bioaccumulative Potential		No data available
12.4. Mobility in Soil		No data available
12.5. Other Adverse Effects		
	Other Information	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. In Accordance with DOT	Not regulated as a hazardous material
14.2. In Accordance with IMDG	Not regulated as a hazardous material
14.3. In Accordance with IATA	Not regulated as a hazardous material

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

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

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

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