



# Safety Data Sheet

## Spartan Chemical Company, Inc.

Revision Date: 17-Feb-2021

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Identifier

**Product Name:** CLOTHESLINE FRESH SOUR / SOFTENER [9]  
**Product Number:** 7009  
**Recommended Use:** Laundry additive  
**Uses Advised Against:** For Industrial and Institutional Use Only

**Manufacturer/Supplier:** Spartan Chemical Company, Inc.  
1110 Spartan Drive  
Maumee, Ohio 43537 USA  
800-537-8990 (Business hours)  
[www.spartanchemical.com](http://www.spartanchemical.com)

#### **24 Hour Emergency Phone Numbers:**

**Medical Emergency/Information:** 888-314-6171  
**Transportation/Spill/Leak:** CHEMTREC 800-424-9300

### 2. HAZARDS IDENTIFICATION

#### **GHS Classification**

**Skin Corrosion/Irritation:** Category 2  
**Serious Eye Damage/Eye Irritation:** Category 2A  
**Skin Sensitization:** Category 1

#### GHS Label Elements

**Signal Word:**

**Warning**

**Symbols:**



**Hazard Statements:**

Causes skin irritation  
Causes serious eye irritation  
May cause an allergic skin reaction

#### Precautionary Statements:

**Prevention:**

Wash hands and any exposed skin thoroughly after handling.  
Wear protective gloves  
Wear eye / face protection  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing should not be allowed out of the workplace

**Response:**

**-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 attention.

**-Skin**

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical attention.

**-Specific Treatment:**

See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

**Storage:** Not Applicable  
**Disposal:** Dispose of contents and container in accordance with local, state and federal regulations.

**Hazards Not Otherwise Classified:** Not Applicable

**Other Information:**

- May be harmful if swallowed
- Inhalation of vapors or mist may cause respiratory irritation.
- Keep out of reach of children

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	60-100
Ethanaminium, 2-Amino-N-(2-Aminoethyl)-N-(2-Hydroxyethyl)-N-Methyl-,N,N'-Ditallow Acyl Derivs., Methylsulfates (Salts)	68153-35-5	3-7
Citric Acid	77-92-9	3-7
PEG-15 Cocomonium Chloride	61791-10-4	1-5
Sodium Hydroxide	1310-73-2	0.1-1
Isopentyl Salicylate	87-20-7	0.1-1
Hexyl Cinnamal	101-86-0	0.1-1
Diethyl Phthalate	84-66-2	<0.1
Terpineol	98-55-5	<0.1
Phenethyl Alcohol	60-12-8	<0.1
Benzyl Acetate	140-11-4	<0.1
Methyldihydrojasmonate	24851-98-7	<0.1
2,6-Dimethyl-7-Octen-2-ol	18479-58-8	<0.1
Methyl Anthranilate	134-20-3	<0.1
Hexamethylindanopyran	1222-05-5	<0.1
Diphenyl Ether	101-84-8	<0.1
Trichloromethyl Phenyl Carbonyl Acetate	90-17-5	<0.1
Isoeugenol	97-54-1	<0.1
Gamma-Undecalactone	104-67-6	<0.1
Fragrance	PROPRIETARY	<0.1
Methylchloroisothiazolinone	26172-55-4	<0.1
Methylisothiazolinone	2682-20-4	<0.1

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**-Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**-Skin Contact:** Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical attention.

**-Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.

**-Ingestion:** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

**Note to Physicians:** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Product does not support combustion, Use extinguishing agent suitable for type of surrounding fire

<b>Specific Hazards Arising from the Chemical:</b>	Dried product is capable of burning. Combustion products are toxic.
<b>Hazardous Combustion Products:</b>	May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.
<b>Protective Equipment and Precautions for Firefighters:</b>	Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
<b>Environmental Precautions:</b>	Do not rinse spill onto the ground, into storm sewers or bodies of water.
<b>Methods for Clean-Up:</b>	Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

## 7. HANDLING AND STORAGE

<b>Advice on Safe Handling:</b>	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
<b>Storage Conditions:</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.
<b>Incompatible Materials:</b>	Sodium hypochlorite (or other hypochlorites).
<b>Suggested Shelf Life:</b>	Minimum of 2 years from date of manufacture.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational Exposure Limits:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
Sodium Hydroxide 1310-73-2	Ceiling: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> (vacated) Ceiling: 2 mg/m <sup>3</sup>	IDLH: 10 mg/m <sup>3</sup> Ceiling: 2 mg/m <sup>3</sup>
Diethyl Phthalate 84-66-2	TWA: 5 mg/m <sup>3</sup>	(vacated) TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>
Benzyl Acetate 140-11-4	TWA: 10 ppm	-	-
Diphenyl Ether 101-84-8	STEL: 2 ppm vapor TWA: 1 ppm vapor	TWA: 1 ppm vapor TWA: 7 mg/m <sup>3</sup> vapor (vacated) TWA: 1 ppm vapor (vacated) TWA: 7 mg/m <sup>3</sup> vapor	IDLH: 100 ppm vapor TWA: 1 ppm vapor TWA: 7 mg/m <sup>3</sup> vapor

<b>Engineering Controls:</b>	Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection:</b>	Wear splash goggles.
<b>Skin and Body Protection:</b>	Wear rubber or other chemical-resistant gloves.
<b>Respiratory Protection:</b>	Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
<b>General Hygiene Considerations:</b>	Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance/Physical State:</b>	Liquid
<b>Color:</b>	White emulsion
<b>Odor:</b>	Pleasant
<b>pH:</b>	2.5-3.3
<b>Melting Point / Freezing Point:</b>	No information available
<b>Boiling Point / Boiling Range:</b>	100 °C / 212 °F
<b>Flash Point:</b>	> 100 °C / > 212 °F ASTM D56
<b>Evaporation Rate:</b>	< 1 (BuAc = 1)
<b>Flammability (solid, gas)</b>	No information available
<b>Upper Flammability Limit:</b>	No information available
<b>Lower Flammability Limit:</b>	No information available
<b>Vapor Pressure:</b>	No information available
<b>Vapor Density:</b>	No information available
<b>Specific Gravity:</b>	1.025
<b>Solubility(ies):</b>	Soluble in water
<b>Partition Coefficient:</b>	No information available
<b>Autoignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Viscosity:</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	This material is considered to be non-reactive under normal conditions of use.
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions:</b>	Not expected to occur with normal handling and storage.
<b>Conditions to Avoid:</b>	Extremes of temperature and direct sunlight.
<b>Incompatible Materials:</b>	Sodium hypochlorite (or other hypochlorites).
<b>Hazardous Decomposition Products:</b>	May include carbon monoxide, carbon dioxide (CO <sub>2</sub> ) and other toxic gases or vapors.

## 11. TOXICOLOGICAL INFORMATION

<b>Likely Routes of Exposure:</b>	Eyes, Skin, Ingestion, Inhalation.
<b>Symptoms of Exposure:</b>	
<b>-Eye Contact:</b>	Pain, redness, swelling of the conjunctiva and blurred vision.
<b>-Skin Contact:</b>	Pain, redness and cracking of the skin.
<b>-Inhalation:</b>	Nasal discomfort and coughing.
<b>-Ingestion:</b>	Pain, nausea, vomiting and diarrhea.
<b>Immediate, Delayed, Chronic Effects</b>	
<b>Product Information:</b>	Data not available or insufficient for classification.

### Numerical Measures of Toxicity

The following acute toxicity estimates (ATE) are calculated based on the GHS document.

ATEmix (oral): 26603 mg/kg

### Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg ( Rat )	Not Available	Not Available
Citric Acid 77-92-9	= 3 g/kg ( Rat )	Not Available	Not Available
PEG-15 Cocomonium Chloride 61791-10-4	= 580 mg/kg ( Rat )	Not Available	Not Available
Sodium Hydroxide 1310-73-2	Not Available	= 1350 mg/kg ( Rabbit )	Not Available
Isopentyl Salicylate	= 3300 mg/kg ( Rat )	Not Available	Not Available

87-20-7			
Hexyl Cinnamal 101-86-0	= 3100 mg/kg ( Rat )	> 3000 mg/kg ( Rabbit )	> 5 mg/L ( Rat ) 4 h
Diethyl Phthalate 84-66-2	= 8600 mg/kg ( Rat )	> 11200 mg/kg ( Rat )	> 4.64 mg/L ( Rat ) 6 h
Terpineol 98-55-5	= 5170 mg/kg ( Rat )	Not Available	Not Available
Phenethyl Alcohol 60-12-8	= 1609 mg/kg ( Rat )	= 2535 mg/kg ( Rabbit )	> 4.63 mg/L ( Rat ) 4 h
Benzyl Acetate 140-11-4	= 2490 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	Not Available
Methyldihydrojasmonate 24851-98-7	> 5 g/kg ( Rat )	Not Available	Not Available
2,6-Dimethyl-7-Octen-2-ol 18479-58-8	= 3600 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	Not Available
Methyl Anthranilate 134-20-3	= 2910 mg/kg ( Rat )	Not Available	Not Available
Hexamethylindanopyran 1222-05-5	> 3250 mg/kg ( Rat )	> 3250 mg/kg ( Rabbit )	Not Available
Diphenyl Ether 101-84-8	= 2450 mg/kg ( Rat )	> 7940 mg/kg ( Rabbit )	Not Available
Isoeugenol 97-54-1	= 1560 mg/kg ( Rat )	Not Available	Not Available
Gamma-Undecalactone 104-67-6	= 18500 mg/kg ( Rat )	Not Available	Not Available
Methylchloroisothiazolinone 26172-55-4	= 481 mg/kg ( Rat )	Not Available	= 1.23 mg/L ( Rat ) 4 h

**Carcinogenicity:** No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Citric Acid 77-92-9	Not Available	1516: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static	Not Available	Not Available
Sodium Hydroxide 1310-73-2	Not Available	45.4: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static	Not Available	Not Available
Diethyl Phthalate 84-66-2	23: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 23: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 static 21: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 21: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 static 42 - 255: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 2.11 - 4.29: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static	17: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 16.8: 96 h <i>Pimephales promelas</i> mg/L LC50 static 22: 96 h <i>Lepomis macrochirus</i> mg/L LC50 flow-through 16.7: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 12: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through	Not Available	36 - 74: 48 h <i>Daphnia magna</i> mg/L EC50 86: 48 h <i>Daphnia magna</i> mg/L EC50 Static
Phenethyl Alcohol 60-12-8	490: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	Not Available	Not Available	287.17: 48 h <i>Daphnia magna</i> mg/L EC50
Diphenyl Ether 101-84-8	Not Available	4: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 4 - 7.9: 96 h <i>Pimephales promelas</i> mg/L LC50 static	Not Available	0.11 - 1.1: 48 h <i>Daphnia magna</i> mg/L LC50
Methylchloroisothiazolinone 26172-55-4	0.11 - 0.16: 72 h <i>Pseudokirchneriella</i>	1.6: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50	Not Available	4.71: 48 h <i>Daphnia magna</i> mg/L EC50 0.12 - 0.3: 48 h

	subcapitata mg/L EC50 static 0.03 - 0.13: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	semi-static		Daphnia magna mg/L EC50 Flow through 0.71 - 0.99: 48 h Daphnia magna mg/L EC50 Static
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**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

**Other Adverse Effects:** No information available

### 13. DISPOSAL CONSIDERATIONS

**Disposal of Wastes:** Dispose of in accordance with federal, state and local regulations.

**Contaminated Packaging:** Dispose of in accordance with federal, state and local regulations.

### 14. TRANSPORT INFORMATION

**DOT:** Not Regulated

**Proper Shipping Name:** Non Hazardous Product

**Special Provisions:** Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

**IMDG:** Not Regulated

**Proper Shipping Name:** Non Hazardous Product

### 15. REGULATORY INFORMATION

**TSCA Status:** (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

#### SARA 313

This product does not contain listed substances above the "de minimus" level

#### SARA 311/312 Hazard Categories

**Acute Health Hazard:** Yes

**Chronic Health Hazard:** No

**Fire Hazard:** No

**Sudden release of pressure hazard:** No

**Reactive Hazard:** No

#### California Proposition 65

This product is not subject to warning requirements under California Proposition 65.

### 16. OTHER INFORMATION

**NFPA** Health Hazards: 2 Flammability: 0 Instability: 0 Special: N/A

**HMIS** Health Hazards: 2 Flammability: 0 Physical Hazards: 0

**Revision Date:** 17-Feb-2021

**Reasons for Revision:** Section, 9

#### Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other

materials or in any process, unless specified in the text.

**End of Safety Data Sheet**