



# Safety Data Sheet SurfPro Surfactin

Complies with 29 CFR 1910.1200

## Section 1: Company and Product Identification

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**Product Name:** SurfPro Surfactin

**INCI Name:** Sodium Surfactin

**Material Uses:** Active ingredient in cosmetic and personal care applications.

**Restrictions on Use:** Repackaged for cosmetic use only

**Company:** Lotioncrafter LLC  
48 Hope Ln  
Eastsound, WA 98245  
PH: 1-360-376-8008

**Emergency Response:** In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands                      CALL +1 800-424-9300  
In case of difficulties or for ships at sea                      CALL +1 703-527-3887  
In Europe, Middle East, Africa, Asia Pacific, South America      CALL +1 703-527-3887

## Section 2: Hazards Identification

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**Hazard Pictograms:**



**Signal Word:** Warning

**Hazard Classification:** Acute Toxicity (Inhalation, Dust/Mist) - Category 4  
Serious Eye Damage/Eye Irritation - Category 2

**Hazard Category:** Non-classified

**Hazard Statements:** Harmful if inhaled. Causes serious eye irritation.

**Precautionary Statements:** **Prevention:** Avoid Breathing dust. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling.  
**Response:** Wear eye protection/face protection. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. 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 advice/attention.

**Other Hazards:** None



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### Section 3: Composition / Information on Ingredients

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| Name              | Hazard Category           | CAS#        | Weight % |
|-------------------|---------------------------|-------------|----------|
| Sodium Surfaction | Category 4;<br>Category 2 | 302933-83-1 | ≥ 90%    |

**Additional Information:** For full text of H-statements and R-phrases: see SECTION 16

### Section 4: First Aid Measures

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**General Info:** Product may give off vapors in appreciable quantities affecting the inhalation route. Ensure proper ventilation.

**If ingested:** Rinse mouth with water. Get medical attention if irritation persists.

**If inhaled:** Remove to fresh air. Seek medical attention.

**Eye contact:** Immediately flush eyes with flowing water for at least 15 minutes. Seek medical attention.

**Skin contact:** Flush skin with soap and water. Then get medical attention if irritation develops.

### Section 5: Fire Fighting Measures

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**General Info:** Flash Point: >200°C (Seta closed cup).

**Extinguishing Method /**

**Equipment:** Dry chemical powder, appropriate foam, carbon dioxide, water.

**Hazardous Decomposition Info:** None known

### Section 6: Accidental Release Measures

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**Personal precautions, protective**

**equipment and procedures:** Wear personal protective equipment. Avoid contact with skin and eyes.

**Environmental Precautions:** Prevent spills from entering sewers or watercourses.

**Containment Equipment and**

**Procedures:** Non-hazardous, but avoid direct releases to the environment.

**Cleanup Procedures:** Collect released or spilled solid in sealable containers and wipe out remaining solid.



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### Section 7: Handling and Storage

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**Safe Handling Precautions:** Avoid contact with skin and eyes. Wear personal protective equipment. Avoid handling. Ensure adequate ventilation.

**Recommendations for Storage:** Store in an airtight container in cool area. Avoid areas with high temperature and high humidity levels. Avoid exposure to direct sunlight. Avoid contact with oxidizers. Ventilate the area properly. Handle with care to avoid fire.

**Specific End Use(s):** Active ingredient in cosmetic and personal care applications.

### Section 8: Exposure Control / Personal Protection

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**Control Parameters:** No additional information available.

#### General / Engineering

**Controls:** General mechanical ventilation is acceptable.

**Eye/face protection:** Wear safety goggles or protective eye glasses with side shields.

**Hand Protection:** Protective gloves.

**Body Protection:** Protective clothing such as overalls.

**Respiratory Protection:** Use dust-proof masks.

**Thermal Hazards:** None required under normal conditions of use

**Other:** Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

#### Environmental Exposure

**Controls:** Non-hazardous but avoid direct releases to the environment.

### Section 9: Physical and Chemical Properties

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**Physical State:** Powder

**Color:** White to whitish

**Odor:** Characteristic

**Odor Threshold:** No data available

**pH:** No data available

**Flash Point:** >200°C (Seta closed cup)

**Dust Explosion Property:** Minimum explosible concentration > 2000g/m<sup>3</sup>. Minimum ignition energy > 100 mJ

**Decomposition Temperature:** Not available

**Evaporation Rate:** Not applicable

**Vapor Pressure:** Not determined

**Explosive Limits:** Not applicable

**Vapor Density:** Not determined

**Specific Gravity:** No data available

**Water Solubility:** Soluble (~50%)

**Other information:** None available



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### Section 10: Stability and Reactivity

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**Reactivity:** Stable at ambient temperature and pressure.

**Chemical Stability:** No known hazardous reactions.

**Possibility of Hazardous**

**Reactions:** None known.

**Conditions to Avoid:** Light, high temperature, high humidity and air-atmosphere condition. Keep original package before use.

**Incompatible Materials:** Oxidizers and bases.

**Hazardous Decomposition**

**Products:** Toxic gases and vapors, such as CO and Nox may be released in a fire.

### Section 11: Toxicological Information

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**General Information:** Test reports included in this section for sodium surfactin, 1999-2002.

**Acute Toxicity (Oral):** Oral Rat LD50: > 2,000 mg/kg.

**Acute Toxicity (Inhalation):** Inhalation LC50: 1.42 mg/L in rats.

**Skin Corrosion/Irritation:** No irritant at the dose of 2.5% and very slight irritant at the dose levels of 5 and 20% in rabbits.

**Serious Eye Damage/Irritation:** Severely irritating at the dose of 44mg (0.1ml) in rabbits. Nonirritating at the dose level of 0.3%, minimally irritating at the dose level of 3%, mildly irritating at the dose level of 5% and moderately irritating at the dose level of 10% in rabbits. (0.1ml solutions were applied.) (Kay and Calandra classification system).

**Skin Sensitization:** No skin sensitizing property in guinea pig.

**Mutagenicity:** Negative (Reverse mutation test, Chromosome aberration test, Mouse micronucleus test).

### Section 12: Ecological Information

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**Biodegradability:** Easily biodegradable by microorganisms (MITI method).



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### Section 13: Disposal Information

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**Product disposal:** Dispose of product in accordance with local, regional, and national regulations.

**Container disposal:** Dispose of container in accordance with licensed collector's sorting instructions.

**Other considerations:** Do not dump this material into sewers, on the ground or into any body of water.

### Section 14: Transport Information

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|  | US DOT         | EU Land Transport<br>(ADR/RID/AND) | Sea<br>Transport<br>(IMDG) | Air Transport<br>(ICAO/IATA) |
|--|----------------|------------------------------------|----------------------------|------------------------------|
| <b>UN Number:</b>  | Not regulated  | Not regulated                      | Not regulated              | Not regulated                |
| <b>UN Proper Shipping Name:</b>  | Not regulated  | Not regulated                      | Not regulated              | Not regulated                |
| <b>Transport Hazard Class(es):</b>   | Not applicable | Not applicable                     | Not applicable             | Not applicable               |
| <b>Packing Group:</b>  | Not applicable | Not applicable                     | Not applicable             | Not applicable               |
| <b>Environmental Hazards:</b>  | Not applicable | Not applicable                     | Not applicable             | Not applicable               |
| <b>Special Precautions for User:</b>   | None           | None                               | None                       | None                         |
| <b>Transport in bulk according to<br/>Annex II of MARPOL 73/78<br/>and the IBC Code:</b> | Not applicable | Not applicable                     | Not applicable             | Not applicable               |

### Section 15: Regulatory Information

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**TSCA:** Listed on the US TSCA inventory.

**REACH:** Not applicable.

**California Prop 65:** This product is not known to the State of California to cause cancer, birth defects or other reproductive harm.



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## Section 16: Other Information

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**Indication of Changes:** Version 1 created September 8, 2020

**List of Relevant R-phrases**

(number and full text): Not applicable

**Legal Disclaimer:** Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

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