

SAFETY DATA SHEET



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Section 1. Identification of the Substance or Mixture and of the Supplier

Product Name SPECTRAMIDE SA-20
Chemical Name Mixture
Product Use Surfactant
Emergency Telephone Number
Chemtrec 800-424-9300

Section 2. Hazards Identification

Emergency Overview

GHS Classification

Acute Toxicity, Oral Category 4
Eye Irritation: Category 2
Skin Irritation Category 3

GHS Label Elements

Pictogram(s)



Signal Word

Warning

Hazard Statement(s)

H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary Statement(s)

P264 Wash skin thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P404 Store in a closed container.
P501 Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified or not covered by GHS None

HMIS Identification: Health, Flammability, Reactivity, Contact

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Section 3. Composition/Information on Ingredients

| <u>Name of Hazardous Component/Composition</u> | <u>CAS Number</u> | <u>% by Weight</u> |
|--|-------------------|--------------------|
| Cocoamide DEA | 68603-42-9 | 30 – 40% |
| Oleic acid, diethanolamine | 13961-86-9 | 20 – 30% |
| Nonylphenol, ethoxylated, phosphate, diethanolamine salt | 68443-66-3 | 30 – 40% |

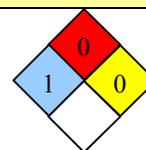
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Section 4. First Aid Measures

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|---------------------|--|
| Eye Contact | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for 15 minutes. Seek medical attention if irritation develops. |
| Skin Contact | Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention if irritation develops. |
| Inhalation | Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Seek medical attention if irritation develops. |
| Ingestion | Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical attention. |

Section 5. Fire Fighting Measures

National Fire Protection Agency (NFPA)



Fire Extinguishing Media CO₂, water, foam, and dry chemical spray

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full faceplate operated in the pressure demand mode.

Hazardous Decomposition Products: Oxides of carbon and nitrogen

Section 6. Accidental Release Measures

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| Personal precautions | Wear the required PPE. Ensure adequate ventilation, and evacuate personnel to safe areas if necessary. |
| Environmental Precautions | Prevent further leakage or spillage if safe to do so. Do not let product enter drains. |
| Methods and materials for containment and cleaning up | Clean up with spill with a suitable absorbent, and sweep up and containerize for reclamation or disposal. Note: US Regulations (CERCLA) may require reporting spills and releases to soil, water, and air in excess of reportable quantities. See Section 15 for regulatory information. |

Section 7. Handling and Storage

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|--------------------------------------|---|
| Precautions for Safe Handling | Use appropriate PPE (see section 8). Do not ingest. Do not get in eyes or on skin or clothing. Avoid breathing vapor or mist. After handling, always wash hands thoroughly. Wash contaminated clothing before reusing. |
| Conditions for Safe Storage | Store in original container protected from physical damage in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Store between the following temperatures: 40°F - 100°F. |

Section 8. Exposure Controls/Personal Protection

| | | |
|----------------|-------------------|--------------------|
| Product | OSHA (TWA) | ACGIH (TWA) |
| None listed | | |

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Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Protective Equipment (PPE):



Eyes: Splash goggles

Body: Proper clothing, gloves, apron

Respiratory: Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.

Section 9. Physical and Chemical Properties

| | |
|---|-------------------|
| Appearance | Amber liquid |
| Solubility | Soluble |
| Odor | Slight |
| Odor Threshold | No data available |
| pH(1%) | 7 - 9 |
| Flash Point | > 200 F (TCC) |
| Evaporation Rate | No data available |
| Autoignition Temperature | No data available |
| Lower explosion limit | No data available |
| Upper explosion limit | No data available |
| Decomposition temperature | No data available |
| Partition coefficient: n-octanol/water | No data available |
| % Volatiles by volume | < 2% |
| %VOC | No VOC content |
| % HAP | No HAP content |
| Boiling Point | No data available |
| Freezing Point | < 32 F |
| Vapor Density (Air = 1) | > 1 |
| Vapor Pressure (mm Hg) | No data available |
| Specific Gravity (@ 25 C) | 1.0 |

Section 10. Stability and Reactivity

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| Stability: | Stable under ordinary conditions of use and storage |
| Hazardous Decomposition Products: | Oxides of carbon and nitrogen |
| Hazardous Polymerization: | Will not occur |
| Incompatibilities: | Strong oxidizers |
| Conditions to Avoid: | Incompatibilities |

Section 11. Toxicological Information

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|------------------------|-----------|
| Routes of entry | Ingestion |
|------------------------|-----------|

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|--|---|-------------------|
| Toxicity Data | LD₅₀ (oral, rat) | No data available |
| | LD₅₀ (dermal, rabbit) | No data available |
| Carcinogenicity Data | No components have been listed as carcinogenic. | |
| Skin Corrosion/Irritation | No data available | |
| Serious Eye Damage/Eye Irritation | No data available | |
| Respiratory or Skin Sensitization | No data available | |
| Reproductive Effects | No data available | |
| Mutagenicity Data | No data available | |
| Teratogenicity Data | No data available | |
| Potential Health Effects | | |
| Eyes | Eye contact may cause irritation. | |
| Skin | Skin contact may cause irritation. | |
| Inhalation | Inhalation of mists may be irritating to the respiratory tract. | |
| Ingestion | Ingestion may cause GI tract irritation. Nausea and vomiting may occur. | |

Section 12. Ecological Information

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|--------------------------------------|------------------------|
| Environmental Toxicity | No data available |
| Persistence and degradability | Readily biodegradable. |
| Bioaccumulative potential | No data available |
| Mobility in soil | No data available |
| Other adverse affects | No data available |

Section 13. Disposal Considerations

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|---------------------------|--|
| Waste Information: | Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use, or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state, and local requirements. |
| Waste Stream: | May be regulated as a hazardous waste. |

Section 14. Transportation Information

| Regulatory Information: | ID Number | Proper Shipping Name | Hazard Class | Packing Group | Label(s) |
|-------------------------|-----------|----------------------|--------------|---------------|----------|
| DOT | | Not Regulated | | | |

