



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

SHINELINE EMULSIFIER PLUS

Product Number: 0084

Product Division:

Janitorial

Spartan Chemical Company, Inc.

1110 Spartan Drive

Maumee OH 43537

Product/Technical
Information: **1-(800)-537-8990**Medical Emergency: **1-(888)-314-6171 (24 hours)**Chemical Leak/Spill
Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

| | | | |
|-----------------------|-------------|--|------------------------------|
| Shipping Description: | | Corrosive liquids, n.o.s., 8, UN 1760, II, (contains sodium hydroxide) | |
| NFPA Ratings: | | HMIS Ratings: | |
| Health: | 3 - Serious | Health: | *3 - Serious; Chronic Hazard |
| Fire: | 0 - Minimal | Fire: | 0 - Minimal |
| Reactivity: | 0 - Minimal | Reactivity: | 0 - Minimal |
| | | Pers. Prot. Equip.: | See Section VIII |

SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

| Chemical Name(s) | % W | CAS Registry No. | Table Z- 1 - A | | | NTP, IARC or OSHA Carcinogen |
|--------------------------------------|-------|------------------|-----------------------|------------------------|---------------------------|------------------------------|
| | | | TWA mg/m ³ | STEL mg/m ³ | CEILING mg/m ³ | |
| *2-Butoxyethanol | 20-30 | 111-76-2 | 120 (skin) | Not Established | Not Established | No |
| Monoethanolamine | 5-10 | 141-43-5 | 6 | 15 (ACGIH) | Not Established | No |
| Sodium xylene sulfonate | 1-5 | 1300-72-7 | Not Established | Not Established | Not Established | No |
| Sodium metasilicate | 1-5 | 6834-92-0 | Not Established | Not Established | Not Established | No |
| Sodium hydroxide | 1-5 | 1310-73-2 | 2 | Not Established | Not Established | No |
| Ethoxylated alcohols phosphate ester | 1-5 | 68130-47-2 | Not Established | Not Established | Not Established | No |

Comment: *This substance is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and of 40 CFR 372.

▼ SECTION III: PHYSICAL DATA

| | | | |
|--------------------------------|-------------------------------|--|----------|
| Boiling Point: | 200 °F | Vapor Pressure: | Unknown |
| Vapor Density (AIR = 1): | Unknown | Solubility in Water: | Complete |
| pH: | 13.5-13.7 | Specific Gravity (H ₂ O=1): | 1.02 |
| Evaporation Rate (but.ace.=1): | <1 | Percent Solid by Weight: | 8-9 |
| Physical State: | Liquid | | |
| Appearance & Odor: | Clear liquid, fresh fragrance | | |

▼ SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

| | | | |
|-----------------------------------|--|------------------|----------|
| Flash Point: | > 200°F | Method Used: | ASTM-D56 |
| Flammable Limits: | N/A | Flame Extension: | N/A |
| Extinguishing Media: | Carbon dioxide, dry chemical, synthetic foam or water. | | |
| Special Fire Fighting Procedures: | Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray. | | |
| Unusual Fire & Explosive Hazards: | Combustion products are toxic. | | |

▼ SECTION V: HEALTH HAZARD DATA

| | | | |
|--|--|--------------------------|---------------------------------------|
| Threshold Limit Value: | Not Established | Primary Routes of Entry: | Inhalation, Skin Contact, Eyes & Oral |
| Effects of Overexposure-Conditions to Avoid: | <p>CORROSIVE: HARMFUL TO EYES: Causes severe eye damage or irritation with symptoms of pain, redness, swelling of the conjunctiva and possible permanent corneal damage. HARMFUL TO SKIN: Causes severe skin damage or irritation with symptoms of pain, redness and chemical burns. Harmful contact may not cause immediate pain. Repeated contact may cause a dermatitis. Harmful if absorbed through the skin. HARMFUL OR FATAL IF SWALLOWED: Causes damage or chemical burns to esophagus and mucous membranes with symptoms of pain, nausea, vomiting and diarrhea. Aspiration of product into the lungs may occur during ingestion or vomiting, resulting in lung injury. HARMFUL IF INHALED: Breathing product vapor or mist may cause irritation or damage of the respiratory tract, with symptoms of nasal discomfort and discharge with chest pain and coughing. Contains 2-butoxyethanol which may cause central nervous system depression with symptoms such as headache; dizziness; nausea and drowsiness. Exposure to 2-butoxyethanol may cause blood cell; liver and kidney damage based on animal data. Contains monoethanolamine which may cause liver and kidney damage with repeated exposure. Do not get in eyes, on skin or clothing. Avoid breathing product vapor or mist. Do not swallow. Use with adequate ventilation. Wash thoroughly after handling.</p> | | |
| Conditions Aggravated by Use: | Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis. | | |

Emergency & First Aid Procedures:

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|-------------|---|
| Eyes: | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Call a poison control center or doctor for treatment advice. |
| Skin: | Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a poison control center or doctor for treatment advice. wash contaminated clothing before reuse. Destroy contaminated shoes. |
| Ingestion: | Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting. Drink one or two glasses of water to dilute product. Do not give anything by mouth to an unconscious person. |
| Inhalation: | In case of respiratory irritation or dizziness; move person to fresh air. If not breathing; give artificial respiration. If breathing is difficult; give oxygen. Call a poison control center or doctor for treatment advice. |

▼ SECTION VI: REACTIVITY DATA

| | | | |
|-----------------------------------|------------|---------------------------|-----------------------------------|
| Stability: | Stable | Incompatible Materials: | Strong acids and oxidizing agents |
| Hazardous Decomposition Products: | None known | Hazardous Polymerization: | Will Not Occur |

▼ SECTION VII: SPILL OR LEAK PROCEDURES

| | |
|--|---|
| Steps to be Taken in Case Material is Released or Spilled: | Contain large spills and transfer the material to appropriate containers for reclamation or disposal. Absorb remaining material or small spills with an inert material and dispose of in accordance with federal, state and local regulations. Keep spill out of sewers streams or other bodies of water. |
| Waste Disposal Method: | Assure conformance with federal, state and local regulations. |

▼ SECTION VIII: SPECIAL PROTECTION INFORMATION

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|----------------------------------|--|
| Respiratory Protection: | Not normally required when good general ventilation is provided. However if exposure limits are exceeded (see Section II) or if respiratory irritation occurs, the use of a NIOSH approved respirator suitable for the use-conditions and chemicals listed in Section II should be considered. |
| Ventilation: | Provide good general ventilation. Local exhaust ventilation may be necessary for some operations. |
| Protective Gloves(Specify Type): | Solvent/alkali resistant gloves such as neoprene, nitrile or natural rubber/ latex are recommended. |
| Eye Protection(Specify Type): | Splash goggles are recommended to prevent eye contact. |
| Other Protective Equipment: | Solvent /alkali resistant boots are recommended. Use of impervious apron, face shield and other protective equipment should be considered in order to prevent or minimize contact with this product. Eye wash stations and washing facilities should be readily accessible. See 29 CFR 1910.132-138. |

▼ SECTION IX: SPECIAL PRECAUTIONS

| | |
|----------------------------------|---|
| Precautions; Handling & Storing: | Keep container tightly closed. Store in a cool, dry area. Do not freeze. Do not store above 120°F. Do not mix with other chemicals. |
| Other Precautions: | Keep out of reach of children. |

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SHINELINE EMULSIFIER PLUS

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Effective Date: 01/05/2006

Title: Manager, Regulatory Affairs
Supercedes: 06/30/2005

Ref: 29 CFR 1910.1200 (OSHA) Changes: Update Sections II, V, & VIII

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