



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

Spartan Chemical Company, Inc.**1110 Spartan Drive****Maumee OH 43537**

Product Division:

JanitorialProduct/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	240 (skin) 96	Not Established	Not Established	No
Monoethanolamine	5-10	141-43-5	7.5	15	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
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Effects of Overexposure- Conditions to Avoid:	<p>&2 5 5 2 6,9 (I + \$ 5 0) 8 / 1 7 2 I (< (6 II & DXVMVHYHJH, HGDP DJHPUUWMPQZ WKV, P SWP VPI SDQIUHGCHMIVZ HQDUIRIVKHFQMGPMIDOGISRMEOHSHUP DGHOMFLUGHDIQDP DJH + \$ 5 0) 8 / 1 7 2 I 6 . . 1 III & DXVMVHYHJHVNIGDP DJHPUUWMPQZ WKV, P SWP VPI SDQIUHGCHMIDOGIFKHP IEDDEXLMI + DUP IXDFROMFMP D, ICFMFDXVHIP P HGDVMSDQI 5 HSHDMGIFROMFMP D, IFDXVHDIGHUP DMMI + DUP IXOUIDEVPLUEHGIMKURJKIWKHVNIG + \$ 5 0) 8 / 1 2 5 I) \$ 7 \$ / I) I 6 : \$ / / 2 : (' II & DXVMGDP DJHPUFKHP IEDDEXLMI HPSKDUXMDGIP XFXMP HP EUDGHMZ WKV, P SWP VPI I SDQI CDXVHIYAP WQIDOG GDUKHDI \$ VSLDMQIP I SURGXFWQVWKH OQUMIP D, IFFXUIGXUQIUQHWBQIPUNYAP WQI UHMSTQIICIQIICMU I + \$ 5 0) 8 / I) I, 1 + \$ / (' II % JHDKQI SURGXFWYDSPUPUP IWP D, IFDXVHUUWMPQIPU GDP DJHPIRIVKHUHSUWMAU I WDFWZ WKV, P SWP VPI I CDVDCGFPP I RWDGGIGVFKDUJH Z WKVFKHMSDQIDOGIFFXJKQI I & PQGLMI I EXM \ HMDQPIZ KFKIP D, IFDXVHFQWDDCHUXPMV, WMP IGHSHUMQIZ WK V, P SWP VVXFKIDMKHDGFKHIG] ICHMII CDXVHIIDOGIGURZ VGHMII ([SPXUHV I I EXM \ HMDQPIP D, IFDXVHEOPGFH OIHUJDDINGCH, I GDP DJHIEDVHGIPQIDQP D IGDV & PQGLMP PCFHMDQPIP IGHZ KFKIP D, IFDXVHI OIHUJDDINGCH, I GDP DJHIZ WKUHSHDMG H [SPXUH ' RIGPMJHMGH, HMIRQVNGIRUFOWKQI I \$ YALGIEUHDKQI SURGXFWYDSPUPUP IWP ' RIGPMVZ DOPZ I I 8 VHZ WKIDGHTXDMHYHOMWQI I : DKIKRUPXJKQIDIMU KDOGQI I</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:

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**

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

Name: Ronald T. Cook

Effective 06/01/2007

Date:

Title: Manager, Regulatory Affairs

Supercedes: 01/05/2006

Ref: 29 CFR 1910.1200 (OSHA) Changes: Update Section II

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