

**SPARTAN CHEMICAL COMPANY, INC.
WHMIS MATERIAL SAFETY DATA SHEET**

SECTION I: PRODUCT INFORMATION

**PRODUCT IDENTIFIER
SHINELINE FLOOR PREP**

PRODUCT USE: Neutralizer and Conditioner for Stripped Floors

MANUFACTURER'S NAME & ADDRESS
Spartan Chemical Company, Inc.
1110 Spartan Drive, Maumee, OH 43537 USA

MEDICAL EMERGENCY TELEPHONE
888/314-6171 (24 Hours)
PRODUCT INFORMATION
800/537-8990

SECTION II: HAZARDOUS INGREDIENTS

CAS REGISTRY NO.	% W	CHEMICAL NAME(S)	TLV			LD50	LC50
			TWA mg/m ³	STEL mg/m ³	Ceiling mg/m ³		
7664-38-2	5-10	Phosphoric acid	1	3 (NIOSH)	----	Not available	Not available
68131-39-5	5-10	Alcohol ethoxylate	----	Not Established	-----	Not available	Not available

SECTION III: PHYSICAL DATA

BOILING POINT 100 °C (212°F)	SPECIFIC GRAVITY (H₂O = 1) 1.02	PERCENT SOLID BY WEIGHT 8-10
VAPOUR PRESSURE Not established	EVAPORATION RATE (butyl acetate = 1) < 1	FREEZING POINT Not available
VAPOUR DENSITY (AIR = 1) Not established	SOLUBILITY IN WATER Complete	ODOUR THRESHOLD Not available
pH 10.8-11.2	APPEARANCE AND ODOUR Green Liquid, orange fragrance	PHYSICAL STATE GAS__ LIQUID <u>X</u> SOLID_____
COEFFICIENT OF WATER/OIL DISTRIBUTION Not available		

SECTION IV: FIRE & EXPLOSION DATA

FLASH POINT >100 °C (212°F)	METHOD USED ASTM - D56	FLAMMABLE LIMITS Not established
EXTINGUISHING MEDIA Water, CO2 or dry chemical	CONDITIONS OF FLAMMABILITY Not applicable	AUTO-IGNITION TEMPERATURE Not applicable
HAZARDOUS COMBUSTION PRODUCTS Not established		EXPLOSION DATA Not applicable
SPECIAL FIRE FIGHTING PROCEDURES Use self-contained breathing apparatus for maximum respiratory protection. Water may be used to cool containers if not ruptured or leaking.		
UNUSUAL FIRE AND EXPLOSION HAZARDS Evolves hydrogen on contact with most metals.		

SECTION V: REACTIVITY DATA

STABILITY: STABLE X **CONDITIONS OF INSTABILITY** **CONDITIONS OF REACTIVITY**
Not established Not established

INCOMPATIBILITY (MATERIALS TO AVOID)
Concentrated alkali, hypochlorites (chlorine bleach), aluminum and other reactive metals

HAZARDOUS DECOMPOSITION PRODUCTS Oxides of phosphorus

SECTION VI: TOXICOLOGICAL PROPERTIES

PRIMARY ROUTES OF ENTRY: Eye Contact, Skin Contact, Ingestion, Inhalation

EXPOSURE LIMIT
Not established for mixture.

EFFECTS OF ACUTE EXPOSURE:
EYE CONTACT Causes eye damage and chemical burns with possible corneal damage.
SKIN CONTACT Causes skin damage including pain, redness, tissue destruction and chemical burns.
INGESTION Harmful if swallowed. May cause damage or chemical burns to esophagus and mucous membranes.
INHALATION Breathing product mist may cause respiratory irritation with symptoms of nasal discomfort, discharge, chest pain and coughing.

EFFECTS OF CHRONIC EXPOSURE Not established

IRRITANCY OF PRODUCT Corrosive	SENSITIZATION TO PRODUCT Not available	CARCINOGENICITY No
REPRODUCTIVE TOXICITY Not available	TERATOGENICITY Not available	MUTAGENICITY Not available
		SYNERGISTIC PRODUCTS Not available

SECTION VII: PREVENTIVE MEASURE

PERSONAL PROTECTIVE EQUIPMENT / ENGINEERING CONTROLS
Wear natural rubber or other impervious gloves and splash goggles. Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.

LEAK AND SPILL PROCEDURE 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 in accordance with applicable regulations. Do not discharge into streams, lakes or other surface waters.

WASTE DISPOSAL METHOD Assure conformance with applicable regulations.

HANDLING PROCEDURES Do not get in eyes, on skin or on clothing. Do not taste or swallow. Avoid breathing product mist. Wash thoroughly after handling. Eye wash stations and washing facilities should be readily accessible when using this product. For further guidance see 29 CFR 1910.132-138.

STORAGE REQUIREMENTS Keep container closed when not in use. Do not freeze. Do not store above 49°C (120°F). Keep out of reach of children.

SPECIAL SHIPPING INFORMATION Shipping Description: UN 1760, Corrosive liquids, n.o.s., (contains phosphoric acid), 8, III

SECTION VIII: FIRST AID MEASURES

EYES: In case of contact, flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.

SKIN: In case of contact, Flush skin with water for at least 15 minutes while removing contaminated clothing. Get medical attention. Wash contaminated clothing before reuse.

INGESTION: Do not induce vomiting unless advised to do so by a doctor or poison control center. Drink one or two glasses of water to dilute product. Get medical attention. Do not give anything by mouth to an unconscious person.

INHALATION: In case of respiratory irritation or dizziness, move person to fresh air. Get medical attention if irritation persists.

SECTION IX: PREPARATION INFORMATION

SHINELINE FLOOR PREP
DATE OF PREPARATION: May 1, 2016
SUPERCEDES: June 1, 2013
PREPARED BY Ronald T. Cook / Manager, Regulatory Affairs / Spartan Chemical Company, Inc.
TELEPHONE NUMBER 800/537-8990