

Material Safety Data Sheet

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Section 1

MANUFACTURER: PERFORMANCE COATINGS INC.
360 Lake Mendocino Drive
Ukiah, California 95482

TELEPHONE: (707) 462-3023

PRODUCT CLASS: Cleaning Compound

CODE IDENTIFICATION: FSTEP

TRADE NAME: Penofin® FIRST STEP PREP

EMERGENCY TELEPHONE NUMBERS: FOR CHEMICAL EMERGENCY. Spill, leak, fire, exposure or accident. Call CHEMTREC - Day or Night - 1-800-424-9300. Outside the United States call 202-483-7616.

EMERGENCY POISONING TREATMENT INFORMATION: Call collect 24 hours a day. 1-800-947-2331

DOT SHIPPING NAME: NON-REGULATED

Section 2 - Ingredients

	PERCENT BY WEIGHT	ACGIH TLV	OSHA PEL
Oxalic Acid CAS Number	99.6%	2mG/M3	1mG/m3
		Limit Value	Exposure Limit

Section 3 - Physical Data

Appearance:	Colorless, transparent
Odor:	Odorless
Physical State	Solid
pH:	1.3 (0.1M solution)
Vapor Pressure:	< 0.001 mm Hg@ 20 deg C
Vapor Density:	4.3
Boiling Point:	149-160 deg C(300-320 deg F)
Freezing/Melting Point	101.5 deg C (215 deg F)
Solubility (H2O):	Freely soluble in water
Specific Gravity:	1.65 (H2O = 1)
Softening Point:	Not available
Particle Size	Not available
Molecular Weight:	126.7
Bulk Density:	Not available
Chemical Formula:	(COOH) ₂ *2H ₂ O

Section 4 - Fire and Explosion Hazard Data

OSHA CATEGORY: Corrosive NonCombustible

FLASH POINT: NO DATA

EXTINGUISHING MEDIA: NOT APPLICABLE

UNUSUAL FIRE OR EXPLOSION HAZARDS: None Known

Section 5 - Health Hazard Data

THRESHOLD LIMIT VALUE: See Section 2

PRIMARY ROUTE(S) OF ENTRY: Dermal, ingestion, inhalation.

EFFECTS OF OVEREXPOSURE:

INHALATION:

Light nose and throat irritation in high concentrations, cough. In case of repeated or prolonged exposure; risk of sore throat, nosebleeds, and chronic bronchitis

SKIN CONTACT:

Light irritation. In case of repeated contact: risk of dermatitis

INGESTION:

Severe irritation of the mouth, throat, esophagus and stomach, bloating of stomach, belching, nausea and vomiting

EYE CONTACT:

Severe irritant-May cause damage

Section 5 - Health Hazard Data (Cont'd)

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove the subject from dusty environment. Consult a physician in case of respiratory symptoms

SKIN: Promptly remove contaminated clothing and wash with soap and water. Consult a physician in case of persistent pain or redness.

EYES: Irrigate immediately with water or saline for at least 10-15 minutes, while keeping eyelids open. Consult an ophthalmologist in all cases.

INGESTION: Do not induce vomiting. Call a physician immediately and/or transport to emergency facility immediately.

NOTE TO PHYSICIAN: No Specific antidote, treat symptomatically

Section 6 - Reactivity Data

STABILITY: Stable

CONDITIONS TO AVOID: Strong oxidants, heat, electric equipment and open flame. Moisture

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon

HAZARDOUS POLYMERIZATION: Will not occur.

Section 7 - Spill or Leak Procedure

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: VACUUM WITH A HEPA FILTER VACUUM, AND WET MOP

LARGE SPILLS: VACUUM, WITH A HEPA FILTER VACUUM AND WET MOP

SMALL SPILLS: Mop up, wipe ups, or soak up immediately remove to out-to-doors.

DISPOSAL METHOD: This product may be disposed down a drain

Section 8 - Special Protection Information

RESPIRATORY PROTECTION: Use a supplied air respirator when airborne exposure limits are exceeded. Do not use a chemical cartridge respirator.

VENTILATION: Control airborne concentrations below the exposure guideline. Use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations. Lethal concentrations may exist in areas with poor ventilation.

SKIN PROTECTION: For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or frequently repeated contact could occur, use protective clothing impervious to this material. Selection of specific items such as gloves, boots, apron, or fully body suit will depend on operation.

EYE PROTECTION: Use safety glasses. Where contact with liquid is likely, chemical goggles are recommended.

OTHER PROTECTIVE EQUIPMENT: It is suggested that a source of clean water be available in work area for flushing eyes and skin.

Section 9 - Special Precautions

PRECAUTIONS TO BE TAKEN IN HANDLING OR STORING: Do not store above 104°F. Store in a dry area away from heat sources.
Do not store in a metal container

OTHER PRECAUTIONS: **Do not take internally.** Use with adequate ventilation Vapors will collect in low or poorly ventilated areas. Do not use with spray application equipment containing aluminum, galvanized or metals

PREPARED BY: Regulatory Director, Performance Coatings Inc., Ukiah, California 95482

REFERENCE PRECAUTIONS: OCTOBER 2006

WARNING

Detectable amounts of some chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm may be found in various petroleum products and chemical products you purchase from Performance Coatings Inc., in their vapors, or may result from their use. Use care when handling or using all chemical and petroleum products.

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