

MATERIAL SAFETY DATA SHEET
(SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable

SECTION 1-MANUFACTURER/DISTRIBUTOR INFORMATION

Product Name: ACIDET BLEND D, F, or N	Emergency Phone #: 1-800-424-9300
Supplier's Name: Maintenance Equipment & Chemicals	Reference code: MTEQ
Supplier's Address: 1379 Shoemaker St., Nanty Glo, PA 15943	Product#: 002-D, 003-F, or 004-N
Phone: (814) 749-9015	DOT Shipping Name: Corrosive Liquid NOS (Phosphoric Acid)
Chemical Family: Inorganic acid detergent	Hazard Class: 8 ID# UN1760 PG: III
Chemical Name: Phosphoric acid detergent	

SECTION 2-HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	%CONCENTRATE RANGE	HAZARD RATINGS (TLV/PEL)
Phosphoric Acid 75% NIOSH # 79 (misting only)		<50	1000 ppm
Rest of product is nonhazardous			

SECTION 3-PHYSICAL DATA

Boiling Point (F): 212-260 F
Vapor Pressure: Not determined
Vapor Density: NA
Solubility In Water: 100%
Appearance / Odor: Clear liquid, mild acid odor.

Specific Gravity: 1.20 gr/cc
% Volatile: >50%
Evaporation Rate: (Water=1) >1
Other: pH 1.5

SECTION 4-FIRE AND EXPLOSION DATA

Flash Point (F) / Method: None TCC
Flammable Limits: NA
Extinguishing Media: None required
Special Fire Fighting Procedures: Use water spray to cool storage tanks.
Unusual Fire &Explosion Hazards: Where possibility of fumes or acid contact exists during fires, wear acid proof clothing & breathing apparatus.

SECTION 5-HEALTH HAZARD DATA

Threshold Limit Value: 1000 ppm on <50% only if misted into the air
Effects of Overexposure: Misted acid causes lung irritation. Concentrate will cause severe burns to eyes and skin. Ingestion causes internal burns.
Emergency & First Aid Procedures: Flush eyes well with water and see a physician. Wash from skin immediately with water and remove and wash contaminated clothing. If ingested drink water and see a physician immediately.
Carcinogenicity: NA

SECTION 6-REACTIVITY DATA

Stability: Stable
Conditions to Avoid:
Incompatibility: Strong bases, alkalis and amines
Hazardous Decomposition Products: None
Hazardous Polymerization: will not occur

SECTION 7-SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled: Dike major spills. Neutralize with lime or soda ash. Flush neutralized spill area with plenty of water to waste treatment system. Do not flush to sewers without neutralizing.
Waste disposal method: Follow federal, state and local regulations. Drain dilute or neutralized acid residues to sewer or waste treatment plant.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required when used as directed
Ventilation: NA
Protective Gloves: when handling concentrate
Eye Protection: Chemical safety glasses
Other Protective Equipment: Full acid protection for major exposure

SECTION 9-SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store in plastic or stainless steel in a cool place. Corrosive to mild steel and aluminum.
Other Precautions: Keep out of the reach of children. Do not mist, or get in eyes, on skin or clothing

Date Prepared: 5-14-09

By: PM