



MATERIAL SAFETY DATA SHEET

PRODUCT NAME: HD ACID

PRODUCT CODE: 0403

MANUFACTURED BY:	Acme Soap, Inc. 1206 Fulton Ave. San Antonio, TX 78201 (210)731-9800	Date Prepared 09/23/03 Date Revised: 11/14/2008
-------------------------	---	--

HMIS Rating: Health: 2 Flammability: 0 Reactivity: 1 Personal Protection: B

I. CHEMICAL IDENTIFICATION:

NAME: HD ACID		
DESCRIPTION: Acid Blend		
OTHER DESIGNATIONS:	MANUFACTURER:	EMERGENCY PHONE NUMBER:
	Acme Soap, Inc. 1206 Fulton Ave. San Antonio, TX 78201	(800)424-9300 CHEMTREC

II. HAZARDOUS INGREDIENTS

Ingredient	% Concentration	Worker Exposure Limits
Phosphoric Acid	40 – 60%	N/A

III. HEALTH HAZARD DATE

PHOSPHORIC ACID IS CORROSIVE. Concentrated solutions may cause serious skin and eye burns. Possible routes of entry are skin, eyes and ingestion.

Skin: Prolonged contact with skin could cause drying and / or other irritation. Wash affected areas with clear water.

Eyes: Causes burning and irritation. Flush eyes with large amounts of clear water for at least 15 minutes. If irritation persists, consult a physician, preferably an ophthalmologist.

Ingestion: Give victim chalk, milk of magnesia egg whites or water. **DO NOT INDUCE VOMITING.** Obtain medical attention.

Never give anything by mouth to an unconscious person.

IV. SPECIAL PROTECTION INFORMATION

Wear rubber or neoprene gloves, chemical goggles and chemical resistant clothing. General ventilation should be adequate. Eye bath should be in near vicinity.

V. SPECIAL PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

Store away from heat and separate from strong alkalis.
Keep from freezing.

VI. SPILL OR LEAK PROCEDURES

Contain spills immediately using sand, earth or non-reactive absorbent. Avoid discharge to natural waters. Scoop up and place in a clean, dry, marked, lined container. Slowly neutralize with soda ash. Flush away residue with large quantities of water.

Contaminated product must be disposed of in accordance with Federal, State and local regulations.

VII. REACTIVITY DATA

Product is stable.

Reacts vigorously with alkalis producing heat.

Heating to decomposition yields toxic vapors of phosphorus pentoxide.

VIII. FIRE AND EXPLOSION DATA

Product is non-flammable. In case of fire, use whatever extinguishing media that is compatible with surrounding materials.

Will liberate flammable hydrogen gas upon contact with some metals. Protect personnel against mist, vapor, and splashes.

IX. PHYSICAL DATA

Appearance: Clear amber liquid

Odor: Acid smell

pH: 2.0

Boiling Point: 214°F.

Specific Gravity: 1.092 where water is 1.00

NOTE:

The information provided on this Material Safety Data Sheet has been compiled from information obtained from the manufacturers of the raw material components of the product, as well as from laboratory tests on the finished product. There are no expressed or implied warranties to be derived from the information provided. The user assumes all risks in handling and must determine if this product is fit for its intended use.

The health hazards on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the diluted product under conditions of ordinary use.