

**Material Safety Data Sheet**  
**Cola<sup>®</sup>Fax 3373**  
**Effective Date: 01-02-2008**

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Colonial Chemical, Inc.  
225 Colonial Drive  
S.Pittsburg, TN 37380

Emergency Telephone #  
423/837-8800  
Chemtrec 800/424-9300

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**SECTION I – PRODUCT INFORMATION**

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Product Name: Cola<sup>®</sup>Fax 3373      File: 3373  
C.A.S. No.: PROPRIETARY  
Hazard Rating: Health: 2    Fire: 1    Reactivity: 0

Direct Phone: 423/837-8800

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**SECTION II – COMPOSITION INFORMATION**

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	CAS #	OSHA PEL
Phosphoric Acid	7664-38-2	1 mg/m3
Alkyl Phosphate		Not listed

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**SECTION III – PHYSICAL DATA**

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Appearance: Clear Viscous Liquid  
Boiling Point: > 200°F  
Solubility in Water: Soluble  
pH (10% Aqueous): Less than 2  
Specific Gravity: 1.05  
Evaporation Rate: N/A

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**SECTION IV – FIRE AND EXPLOSION DATA**

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Flash Point: 334° F, COC  
Explosive Range: ND  
Extinguishing Media: CO<sub>2</sub>, foam, dry chemical, BC/ABC extinguishers.  
Special Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus to avoid exposure to smoke and vapor  
Special Procedures: Use water spray to cool drums exposed to fire

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**SECTION V – REACTIVITY DATA**

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Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility (Materials to avoid): Avoid contact with strong oxidizing agents.  
Hazardous Decomposition Products: Combustion will produce oxides of carbon and phosphorus.

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**SECTION VI – HEALTH HAZARD DATA**


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Under Normal Use Conditions: May cause eye and skin irritation like any soap or detergent.

Effects of Overexposure:

Eyes – Contact can cause severe irritation, redness, blurred vision, and severe or permanent damage.

Skin – Prolonged contact can cause severe irritation. Prolonged contact can cause burns.

Ingestion – Overexposure may cause gastrointestinal irritation, diarrhea, nausea, and vomiting.

First Aid:

Eye Contact - Immediately flush with copious amounts of water for at least 15 minutes. Consult physician.

Skin Contact- Immediately flush with copious amounts of soap and water for at least 5 minutes. If irritation persists, contact physician. Launder contaminated clothing before reuse.

Ingestion- Administer 2 glasses of water or milk and consult physician or poison control center immediately. Do not give sodium bicarbonate, vinegar, or fruit juices. Do not induce vomiting or give anything by mouth to an unconscious person.

Inhalation- Remove to fresh air. If necessary, give oxygen, artificial respiration, contact physician.

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**SECTION VII – SPECIAL PROTECTION INFORMATION**


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Occupational Exposure Limits

ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
PHOSPHORIC ACID				
1.00 mg/M <sup>3</sup>	N/est	3.00 mg/M <sup>3</sup>	3.00 mg/M <sup>3</sup>	1.00 mg/M <sup>3</sup>

Respiratory Protection: Not required

Ventilation: Local exhaust ventilation may be necessary.

Eye Protection: Wear safety glasses where no contact with the eye is anticipated. Chemical safety goggles should be worn whenever there is the possibility of splashing or other contact with the eyes.

Protective Gloves: Impervious type

Other Protection: Wear protective clothing to prevent skin contact. Eyewash and safety shower in the work area.

Work/Hygienic Practices: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

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**SECTION VIII – SPECIAL PRECAUTIONS**


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Handling: Spilled material is quite slippery.

Storage: Keep container closed when not in use

Spills: Contain material by diking the area around the spill. If the product is in a solid form, shovel directly into recovery drums. If the product is a liquid, it should be picked up by using a suitable absorbent material, then shoveled to recovery drums. If material is released into the environment, the user should determine whether the spill should be reported to the appropriate state and federal authorities.

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**SECTION IX – REGULATORY INFORMATION**

TSCA: Listed in TSCA inventory  
 SARA TITLE III – SECTION 311/312: Immediate hazard  
 SARA TITLE III –SECTION 313: Phosphoric Acid, CAS # 7664-38-2

**SECTION X – WASTE DISPOSAL**

Waste Disposal Method: In accordance with local, state and federal regulations.

**SECTION XI – TRANSPORTATION INFORMATION**

Proper Shipping Name: Corrosive Liquid NOS (Free Acid Phosphate Ester)  
 DOT Hazard Class: 8  
 ID Number: UN 1760  
 UN Pack Group: III

**SECTION XII- OTHER INFORMATION**

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>B</b>

**REVISED: 1-2-2008 / JOE STAFFORD**

The above data is for information purposes only and is accurate to the best of Colonial Chemical, Inc.'s knowledge. No guarantees or liabilities are expressed or implied.

Colonial Chemical Inc. assigned HMIS ratings to this product based on the hazards of its ingredient(s). Because the customer is most aware of the application of the product, they must ensure that the proper personal protective equipment (PPE) is provided consistent with the information contained in the product MSDS. \*

\* This information is intended solely for the use of individuals trained in the particular hazard rating system.