

SECTION 1 – IDENTIFICATION

GHS Product Identifier | Trade Name: Cola®Lube 3406
CAS Number: Proprietary
Uses of the Substance / Mixture: Phosphate Ester
Company Name: Colonial Chemical, Inc.
Company Address: 225 Colonial Drive, South Pittsburg, TN 37380 USA
Phone Number: (P) 423.837.8800 (F) 423.837.3888
Emergency Phone Number: Colonial Chemical: 423.837.8800 Chemtrec: 800.424.9300

SECTION 2 – HAZARDOUS IDENTIFICATION

Classification:

Classification (Regulation (EC) No 1272/2008)

Skin Corrosion, Category 1B	H314	Causes severe skin burns and eye damage
Eye Damage, Category 1	H318	Causes serious eye damage

Label Elements:

Hazardous products which must be listed on the label:

Phosphoric Acid	CAS# 7664-38-2	1.0%
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Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Pictogram



Signal Word: Danger

Hazard Statements: H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage

Precautionary Statements:

Prevention

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash hands and exposed skin thoroughly after handling.
P280 Wear protective gloves/ eye protection/ face protection.

Response

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN: Take off immediately all contaminated clothing.
Rinse skin with water/ shower.
P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P310 IF exposed or concerned: Immediately call a POISON CENTER or

P363 doctor/physician
Wash contaminated clothing before reuse.

Storage

P401 Store in an area between 10-49°C
P404 Store in a closed container
P405 Store locked up
P420 Store away from strong oxidizing agents and reducing agents

Disposal

P501 Dispose of contents/container in accordance with local, regional, national and/or international regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Substance

Phosphate Ester

Information on Components and Impurities

Chemical Name	CAS No.	GHS Classification	Classification (67/548/EEC, 1999/45/EC)	Concentration (%)
Cola®Lube 3406	Proprietary	Skin Corr 1B H314: Causes severe skin burns and eye damage Eye Damage 1 H318: Causes serious eye damage	R38: Irritating to skin R41: Risk of serious damage to eyes	N/A
Phosphoric Acid	7664-38-2	Skin Corr 1B: H314: Causes severe skin burns and eye damage	R38: Irritating to skin R41: Risk of serious damage to eyes	1.0%

SECTION 4 – FIRST AID MEASURES

Description of necessary first-aid measures

General advice: Show this safety data sheet to the doctor in attendance. First aider needs to protect himself/herself. Place affected clothing in a sealed bag for subsequent decontamination.

Inhalation: Remove victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

Skin contact: In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Remove and isolate contaminated clothing and shoes. If skin irritation continues: Get medical attention.

Eye contact: In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If present and easy to do, remove contacts. If eye irritation persists, consult a physician.

Ingestion: Do NOT induce vomiting without medical advice. Do not give anything to drink. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: H2O, CO2, Dry Chemical, BC/ABC Extinguishers

Unsuitable extinguishing media: High volume water jet

Special hazards arising from the substance or mixture

Specific hazards during firefighting: On combustion forms carbon monoxide, carbon dioxide, potassium oxide

Advice for firefighters

Special protective equipment: Self-contained breathing apparatus (EN 133)
Full protective suit

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with the skin and the eyes. Wear suitable protective equipment. Wear suitable gloves. Tightly fitting safety goggles. Stop the leak. Turn leaking containers leak-side up to prevent the escape of liquid. For further information refer to section 8 "Exposure controls/personal protection".

Environmental precautions

Contain the spilled material by bunding. Try to prevent the material from entering drains or water courses.

Methods for Cleaning or Taking Up

Recovery: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

Decontamination/cleaning: Wash off with plenty of water. Wash off with plenty of water. Recover the cleaning water for subsequent disposal.

Disposal: Dispose of in accordance with local regulations.

Additional advice

Prevent entry into waterways, sewers, basements or confined areas.

SECTION 7 – HANDLING AND STORAGE

Handling

Advice on safe handling and usage: Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.

Storage

Recommended: Store in original container. Store tightly closed. Store in an area between 10-30 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Measures

Engineering measures: Avoid splashes. Apply technical measures to comply with any occupational exposure limits when applicable.

Personal protective equipment

Respiratory protection: In the case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection: Wear appropriate gloves. In EU member states, gloves should satisfy the specification of EU Directive 89/686/EEC and the standard EN 374 derived from it. Please observe instructions provided by the glove supplier regarding permeability and breakthrough time. Also, take into consideration the specific local conditions under which the product is used, such as danger of cuts, abrasion and the contact time. Gloves must be inspected prior to use. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection: Wear safety goggles. In case of contact through splashing: Wear face-shield and protective suit.

Skin and body protection: Wear appropriate clothing to avoid direct skin contact. Remove and wash contaminated clothing before wearing again.

Hygiene measures:	Emergency equipment nearby and immediately accessible, with instructions for use. Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well-maintained personal protection equipment. Store the personal protection equipment in a clean location away from the work area. Contaminated work clothing should not be allowed out of the workplace. Before re-use, thoroughly clean personal protection equipment. Wash hands before breaks and immediately after handling the product. Shower or bathe at the end of working. When using the product do not eat, drink or smoke.
Protective measures:	The protective equipment must be selected in accordance with current CEN standards and in cooperation with the supplier of the protective equipment. Selection of appropriate personal protective equipment should take into account the performance of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards and/or risks that may occur during use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form:	Liquid
Physical state:	Liquid
Color:	Dark Brown
Odor:	characteristic
Odor Threshold:	no data available

Safety data

pH (as is):	<2
Melting point/range:	no data available
Boiling point/boiling range:	> 93°C
Flash point:	> 93°C closed cup
Flammability (solid, gas):	no data available
Auto-ignition temperature:	no data available
Water solubility:	soluble
Solubility in other solvents:	no data available
Partition coefficient: noctanol/water:	no data available
Relative vapour density:	> 1
Relative density:	no data available
Density:	no data available
Oxidation/Reduction Potential:	no data available
Viscosity:	no data available
Explosive properties:	no data available
Thermal decomposition:	no data available
Lower explosion limit:	no data available
Upper explosion limit:	no data available
Specific Gravity:	1.20

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions.

Hazardous reactions

Conditions to avoid	Prolonged, excessive heat
Materials to avoid	Strong oxidizing agents, reducing agents, strong acids, strong bases

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity:	no data available
Acute inhalation toxicity:	no data available
Acute dermal toxicity:	no data available
Other routes of administration:	no data available
Aspiration toxicity:	no data available

Skin corrosion/irritation	
Skin irritation:	no data available
Serious eye damage/eye irritation	
Eye irritation:	no data available
Respiratory or skin sensitization	
Sensitization:	no data available
Repeated dose toxicity	
Repeated dose toxicity:	no data available
STOT	
STOT - single exposure:	no data available
STOT - repeated exposure:	no data available
Carcinogenicity	
Carcinogenicity:	no data available
Mutagenicity	
Genotoxicity in vitro:	no data available
Genotoxicity in vivo:	no data available
Reproductive toxicity	
Reproductive toxicity:	no data available

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity assessment	
Ecotoxicity assessment:	no data available
Persistence and degradability	
Biodegradability:	no data available
Bioaccumulation	
Bioconcentration factor (BCF):	no data available
Other adverse effects	
Environment assessment:	no data available

SECTION 13 – DISPOSAL CONSIDERATIONS

Product Disposal	
Advice on Disposal:	Dispose of in accordance with local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

USDOT	
Proper shipping name:	CORROSIVE LIQUID, N.O.S.
Hazard class:	8
ID number:	UN 1760
Packing group:	III
IMDG	
Proper shipping name:	CORROSIVE LIQUID, N.O.S.
Hazard class:	8
ID number:	UN 1760
Packing group:	III
Marine pollutant:	NO
IATA/ICAO	
Proper shipping name:	CORROSIVE LIQUID, N.O.S.
Hazard class:	8
ID number:	UN 1760
Packing group:	

II

SECTION 15 – REGULATORY INFORMATION

TSCA:	Listed
EU (REACH):	Pre-Registered
Canada (DSL):	Listed
Australia (AICS):	Listed
Philippines (PICCS):	Listed
Korea (ECL):	Listed
New Zealand (NZIoC):	Listed
China (IECSC):	Listed

Follow all regulations in your country or region. Colonial Chemical, Inc is unable to confirm all regulatory information in regard to the substances in your country or region, and this information is subject to change without notice.

SECTION 16 – OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

- H314 Causes severe skin burns and eye damage
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Full text of P-Statements referred to under sections 2 and 3.

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- P264 Wash hands and exposed skin thoroughly after handling.
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HEALTH	3
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

The information provided in this Safety Data Sheet is accurate to the best of Colonial Chemical, Inc.'s knowledge. No guarantees or liabilities are expressed or implied. Because users are most aware of the application of the product, they must ensure that proper personal protective equipment (PPE) is provided consistent with the information contained in the product SDS. This information is intended solely for the use of individuals trained in the particular hazard rating system. It does not release users from ensuring they are in conformity with all regulations linked to its activity.